

# **USS TORTUGA LSD-46**

**SEMAT II SHELL CONDITION ASSESSMENT SURVEY  
INTERIOR AREAS  
4/8/02 TO 4/19/02**



**PREPARED BY:  
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**APRIL 2002**

# **USS TORTUGA LSD 46**

## **SHELL / STRUCTURE ASSESSMENT SURVEY**

### **INTERIOR AREAS**

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# **USS TORTUGA (LSD-46)**

## **GENERAL SUMMARY OF CONDITIONS**

A SEMAT 2 shell and supporting structure survey of all accessible areas was conducted on board the USS TORTUGA LSD-46 at Norfolk, VA from April 8 to April 19, 2002.

In accordance with MRC 1102, all accessible areas were surveyed. Ultrasonic readings were taken from the water line and below in various areas throughout the ship's hull. Readings were taken using a Cygnus BM 1, serial number 2008 with a 2.25 MHz ½" probe (#72163) (calibration due 6/26/02). The hull insulation was checked using a Delmhorst Model BD-2100.

Areas prone to corrosion and hot spots were checked and the shell was not degraded. A total of 109 UT readings were taken. Readings showed minor loss of material. A few areas showed moisture readings exceeding normal levels.

The Captain and crew of the USS TORTUGA should be commended for maintaining the ship in excellent condition.

**USS TORTUGA (LSD-46)**  
**STRUCTURAL INSPECTION RESULTS**  
**UNSATISFACTORY AREAS**

LOCATION	NAME	AREA	RESULTS	ACTION
3-107-1-Q	SEW EJN SYS RM NO 1	½ INCH DIAMETER HOLE IN PLT. FR 107½, SOME MINOR PLT DEGRADATION FR 107-109. ENTIRE DECK IN NEED OF PRESERVATION. MOISTURE READINGS AVERAGED 99%.	APPROXIMATELY 40 SF OF SATURATED INSULATION.	REMOVE LAGGING, CLEAN AND PRESERVE SHELL AND STRUCTURAL MEMBERS AND APPROX 40 SF OF DECK, REPAIR HOLE. RECOMMEND THAT THE LAGGING NOT BE REINSTALLED.
3-107-2-Q	SEW EJN SYS RM NO 2	STRINGERS L22 & L23, ENTIRE DECK IN NEED OF PRESERVATION, MOISTURE READINGS AVERAGED 88%.	APPROXIMATELY 30 SF OF SATURATED INSULATION, APPROXIMATELY 30 SF OF SURFACE RUST AND PAINT SCALING STRINGERS L22 & L23, AND 40 SF OF SURFACE RUST AND PAINT SCALING ON THE DECK.	REMOVE LAGGING, CLEAN AND PRESERVE APPROX 30 SF OF SHELL AND 40SF OF DECK. RECOMMEND THAT THE LAGGING NOT BE REINSTALLED.
4-35-0-Q	WELL DECK	PORT/STBD FRAMES 65-125 APPROX 6 INCHES ABOVE DECK LEVEL.	APPROXIMATELY 480 SF SURFACE RUST & PAINT SYSTEM DEGRADATION	PREP, PRIME AND PRESERVE
5-89-01-E	AMR NO 2	BILGE AREA UNDER FUEL OIL FILL XFER MANIFOLD FT-F-8.	APPROXIMATELY 15 SF OF SURFACE RUST OF BILGE AREA DUE TO LEAKING MANIFOLD, AND OR PIPING	ISOLATE LEAK AT SOURCE AND REPAIR. PREP, PRIME AND PRESERVE.
6-98-3-T	ACCESS TRUNK	BILGE POCKET FR 98-100	APPROXIMATELY 70 SF OF SURFACE RUST/ PAINT SCALING.	PREP, PRIME AND PRESERVE

USS TORTUGA LSD-46 MATERIAL CONDITION ASSESSMENT  
HULL STRUCTURE  
SEMAT SHELL AND SUPPORT STRUCTURE – MRC 1102

NAME	NUMBER	W/C	REMARKS
CREW BAGGAGE STRM	3-10-0-A	SS01	SATISFACTORY, NO WORK REQUIRED
PASSAGE	3-10-2-L	SS01	SATISFACTORY, NO WORK REQUIRED
SMALL ARMS MAGAZINE	3-10-4-M	OW03	SATISFACTORY, NO WORK REQUIRED
SD STRM (FLAT MAT'L) #1	3-14-1-K	SS01	SATISFACTORY, NO WORK REQUIRED
PASSAGE	3-14-2-L	SS01	SATISFACTORY, NO WORK REQUIRED
SD STRM (BULK) NO 1	3-14-4-A	SS01	SATISFACTORY, NO WORK REQUIRED
SD STRM (BULK) NO 2	3-16-1-A	SS01	SATISFACTORY, NO WORK REQUIRED
PASSAGE	3-18-2-L	SS01	SATISFACTORY, NO WORK REQUIRED
PASSAGE	3-25-1-L	OW03	SATISFACTORY, NO WORK REQUIRED
TROOP DEMOLITION MAG	3-27-2-M	OW03	SATISFACTORY, NO WORK REQUIRED
AIR COND MCHRY NO 1 REFER MCHRY RM & FWD DEBLST CPRSR RM	3-29-0-E	EA01	SATISFACTORY, NO WORK REQUIRED
PASSAGE	3-31-1-L	EA01	SATISFACTORY, NO WORK REQUIRED
UNASSIGNED	3-33-1-Q	EA01	SATISFACTORY, NO WORK REQUIRED
PASSAGE	3-49-2-L	EM08	SATISFACTORY, NO WORK REQUIRED
PASSAGE	3-52-1-L	EM08	SATISFACTORY, NO WORK REQUIRED
MED STOREROOM NO 3	3-52-2-A	MED	SATISFACTORY, NO WORK REQUIRED
PASSAGE	3-54-2-L	ER01	SATISFACTORY, NO WORK REQUIRED
SD STRM (BULK) NO 3	3-59-2-A	SS01	SATISFACTORY, NO WORK REQUIRED
PASSAGE	3-64-2-L	MED	SATISFACTORY, NO WORK REQUIRED
BARBER SHOP	3-67-2-L	SS03	SATISFACTORY, NO WORK REQUIRED
PASSAGE	3-70-1-L	EE01	SATISFACTORY, NO WORK REQUIRED
DEGAUSSING EQUIP RM	3-70-3-E	EE05	SATISFACTORY, NO WORK REQUIRED
ATHLETIC GEAR STRM	3-72-2-A	SS03	SATISFACTORY, NO WORK REQUIRED
PASSAGE	3-72-4-L	EM02	SATISFACTORY, NO WORK REQUIRED
AIR COND MCHRY NO 2	3-74-1-E	EA04	SATISFACTORY, NO WORK REQUIRED
PASSAGE	3-75-2-L	EA01	SATISFACTORY, NO WORK REQUIRED
SPECIAL CLOTHING STRM	3-77-2-A	SS03	SATISFACTORY, NO WORK REQUIRED
SD STRM (BULK) NO 4	3-81-1-A	SS03	SATISFACTORY, NO WORK REQUIRED
PASSAGE	3-81-3-L	SS03	SATISFACTORY, NO WORK REQUIRED
PASSAGE	3-91-1-L	EM08	SATISFACTORY, NO WORK REQUIRED
STERN GATE OPER RM #1	3-138-1-Q	EA05	SATISFACTORY, NO WORK REQUIRED
STERN GATE OPER RM #2	3-138-2-Q	EA05	SATISFACTORY, NO WORK REQUIRED
EDUCTOR TRUNK	4-10-2-T	DA01	SATISFACTORY, NO WORK REQUIRED
PASSAGE	4-38-1-L	DA01	SATISFACTORY, NO WORK REQUIRED
PASSAGE	4-38-2-L	DA01	SATISFACTORY, NO WORK REQUIRED
PASSAGE	4-41-2-L	DA01	SATISFACTORY, NO WORK REQUIRED
PASSAGE	4-104-1-L	DA02	SATISFACTORY, NO WORK REQUIRED
PASSAGE	4-104-2-L	DA02	SATISFACTORY, NO WORK REQUIRED
PASSAGE	4-106-1-L	DA02	SATISFACTORY, NO WORK REQUIRED
PASSAGE	4-106-2-L	DA02	SATISFACTORY, NO WORK REQUIRED
SD STRM (FLAT MAT'L) #2	4-14-2-K	SS01	SATISFACTORY, NO WORK REQUIRED
FLAM LIQUID STRM (TRP)	4-21-1-K	SS01	SATISFACTORY, NO WORK REQUIRED
RAMP STORAGE	4-21-2-A	SS01	SATISFACTORY, NO WORK REQUIRED
WELL DECK	4-35-0-Q	DA01	SATISFACTORY, NO WORK REQUIRED
PASSAGE	4-41-1-L	DA01	SATISFACTORY, NO WORK REQUIRED

USS TORTUGA LSD-46 MATERIAL CONDITION ASSESSMENT  
HULL STRUCTURE  
SEMAT SHELL AND SUPPORT STRUCTURE – MRC 1102

NAME	NUMBER	W/C	REMARKS
DUMBWAITER	5-13-2-T	EE05	SATISFACTORY, NO WORK REQUIRED
STEERING GEAR ROOM	5-134-01-E	EE05	SATISFACTORY, NO WORK REQUIRED
ACCESS TRUNK	5-134-1-T	EE05	SATISFACTORY, NO WORK REQUIRED
ACCESS TRUNK	5-134-2-T	EE05	SATISFACTORY, NO WORK REQUIRED
CHT TK	5-31-2-W	ER01	NOT INSPECTED, REQUIRES GAS FREE
CHT PUMP RM	5-33-1-Q	ER01	SATISFACTORY, NO WORK REQUIRED
COFFERDAM	5-41-0-Q	ER01	SATISFACTORY, NO WORK REQUIRED
PASSAGE	5-41-2-L	EM08	SATISFACTORY, NO WORK REQUIRED
AUX MCHRY RM NO 1	5-43-0-E	EM08	SATISFACTORY, NO WORK REQUIRED
AUX ENCLD OPER SP NO 1	5-43-1-E	EM08	SATISFACTORY, NO WORK REQUIRED
ESCAPE TRUNK	5-43-3-T	EM08	SATISFACTORY, NO WORK REQUIRED
PASSAGE	5-49-2-L	EM08	SATISFACTORY, NO WORK REQUIRED
MN MACHINERY RM NO 1	5-52-0-E	EM08	SATISFACTORY, NO WORK REQUIRED
PASSAGE	5-52-1-L	EM08	SATISFACTORY, NO WORK REQUIRED
UPTAKE & FAN SPACE	5-59-1-Q	EM08	SATISFACTORY, NO WORK REQUIRED
COFFERDAM	5-61-2-Q	EM08	SATISFACTORY, NO WORK REQUIRED
COFFERDAM	5-63-2-Q	EM08	SATISFACTORY, NO WORK REQUIRED
MN ENCL OPER STA NO 1	5-65-2-E	EM08	SATISFACTORY, NO WORK REQUIRED
ESCAPE TRUNK	5-66-4-T	EM08	SATISFACTORY, NO WORK REQUIRED
SHAFT ALLEY	5-67-1-Q	EA05	SATISFACTORY, NO WORK REQUIRED
PASSAGE	5-73-1-L	EA05	SATISFACTORY, NO WORK REQUIRED
ACCESS TRUNK	5-73-3-T	EA05	SATISFACTORY, NO WORK REQUIRED
MN MACHINERY RM NO 2	5-74-0-E	EM09	SATISFACTORY, NO WORK REQUIRED
PASSAGE	5-74-2-L	EM09	SATISFACTORY, NO WORK REQUIRED
UPTAKE & FAN SPACE	5-81-2-Q	EM09	SATISFACTORY, NO WORK REQUIRED
MN ENCL OPER STA NO 2	5-87-1-E	EM09	SATISFACTORY, NO WORK REQUIRED
ESCAPE TRUNK	5-88-1-T	EM09	SATISFACTORY, NO WORK REQUIRED
AUX MCHRY RM NO 2	5-89-01-E	EM09	SATISFACTORY, NO WORK REQUIRED
PASSAGE	5-89-1-L	EM09	SATISFACTORY, NO WORK REQUIRED
PASSAGE	5-89-2-L	EM09	SATISFACTORY, NO WORK REQUIRED
UPTAKE & FAN SPACE	5-89-2-Q	EM09	SATISFACTORY, NO WORK REQUIRED
AUX ENCLD OPER SP NO 2	5-95-2-E	EM09	SATISFACTORY, NO WORK REQUIRED
ESCAPE TRUNK	5-97-2-T	EM09	SATISFACTORY, NO WORK REQUIRED
UNDERWATER LOG TRUNK	6-34-1-T	EE05	SATISFACTORY, NO WORK REQUIRED
LCAC FUEL & JP5 PUMP RM	6-98-0-J	EA04	SATISFACTORY, NO WORK REQUIRED
SHAFT ALLEY	6-98-1-Q	EM09	SATISFACTORY, NO WORK REQUIRED
SHAFT ALLEY	6-98-2-Q	EM09	SATISFACTORY, NO WORK REQUIRED
ACCESS TRUNK	6-98-3-T	EM09	SATISFACTORY, NO WORK REQUIRED
ACCESS TRUNK	6-98-4-T	EM09	SATISFACTORY, NO WORK REQUIRED

**USS TORTUGA (LSD-46)**  
**STRUCTURAL INSPECTION RESULTS**  
**UNASSESSABLE AREAS**

NAME	NUMBER	REMARKS
VOID	3-B-0-V	NOT INSPECTED, REQUIRES GAS FREE
NON-FLOODABLE VOID	3-2-0-V	NOT INSPECTED, REQUIRES GAS FREE
NON-FLOODABLE VOID	3-35-1-V	NOT INSPECTED, REQUIRES GAS FREE
NON-FLOODABLE VOID	3-35-2-V	NOT INSPECTED, REQUIRES GAS FREE
NON-FLOODABLE VOID	3-43-2-V	NOT INSPECTED, REQUIRES GAS FREE
NON-FLOODABLE VOID	3-52-3-V	NOT INSPECTED, REQUIRES GAS FREE
NON-FLOODABLE VOID	3-67-1-V	NOT INSPECTED, REQUIRES GAS FREE
NON-FLOODABLE VOID	3-89-1-V	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	3-93-1-W	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	3-93-4-W	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	3-98-1-W	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	3-98-2-W	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	3-103-1-W	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	3-103-2-W	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	3-107-3-W	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	3-107-4-W	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	3-111-1-W	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	3-111-2-W	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	3-115-1-W	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	3-115-2-W	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	3-121-1-W	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	3-121-2-W	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	3-129-1-W	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	3-129-2-W	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	3-134-1-W	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	3-134-2-W	NOT INSPECTED, REQUIRES GAS FREE
CHAIN LOCKER SUMP	4-6-0-W	DID NOT INSPECT
CHAIN LOCKER	4-6-01-Q	DID NOT INSPECT
INACCESSABLE VOID	4-6-1-V	INACCESSABLE VOID
INACCESSABLE VOID	4-6-2-V	INACCESSABLE VOID
FUEL SERVICE TK	4-43-2-F	NOT INSPECTED, REQUIRES GAS FREE
FUEL SERVICE TK	4-45-2-F	NOT INSPECTED, REQUIRES GAS FREE
VOID	4-52-2-V	NOT INSPECTED, REQUIRES GAS FREE
VOID	4-56-2-V	NOT INSPECTED, REQUIRES GAS FREE
VOID	4-74-1-V	NOT INSPECTED, REQUIRES GAS FREE
EXPANSION TANK	4-74-2-W	NOT INSPECTED, REQUIRES GAS FREE
EXPANSION TANK	4-74-4-W	NOT INSPECTED, REQUIRES GAS FREE
VOID	4-78-1-V	NOT INSPECTED, REQUIRES GAS FREE
FUEL SERVICE TK	4-93-2-F	NOT INSPECTED, REQUIRES GAS FREE
FUEL SERVICE TK	4-95-2-F	NOT INSPECTED, REQUIRES GAS FREE
CHT TK	5-31-2-W	NOT INSPECTED, REQUIRES GAS FREE
COFFERDAM	5-41-0-Q	NOT ASSESSABLE
SSDG LUBO STOR TK	5-51-0-F	NOT INSPECTED, REQUIRES GAS FREE
LO STORAGE TANK	5-52-2-F	NOT INSPECTED, REQUIRES GAS FREE
LO STORAGE TANK	5-52-4-F	NOT INSPECTED, REQUIRES GAS FREE
LO STORAGE TANK	5-53-2-F	NOT INSPECTED, REQUIRES GAS FREE
LO STOR/SETLG TANK	5-54-2-F	NOT INSPECTED, REQUIRES GAS FREE

**USS TORTUGA (LSD-46)**  
**STRUCTURAL INSPECTION RESULTS**  
**UNASSESSABLE AREAS**

<b>NAME</b>	<b>NUMBER</b>	<b>REMARKS</b>
LO STORAGE TANK	5-54-4-F	NOT INSPECTED, REQUIRES GAS FREE
LO STORAGE TANK	5-55-4-F	NOT INSPECTED, REQUIRES GAS FREE
LO STOR/SETLG TANK	5-55-2-F	NOT INSPECTED, REQUIRES GAS FREE
MN ENG LO SUMP TANK	5-56-1-F	NOT INSPECTED, REQUIRES GAS FREE
LO SETTLING TANK	5-56-2-F	NOT INSPECTED, REQUIRES GAS FREE
MN ENG LO SUMP TANK	5-56-3-F	NOT INSPECTED, REQUIRES GAS FREE
LO STORAGE TANK	5-56-4-F	NOT INSPECTED, REQUIRES GAS FREE
RESERVE FEED WATER TANK	5-60-2-W	NOT INSPECTED, REQUIRES GAS FREE
COFFERDAM	5-61-2-Q	NOT ASSESSABLE
COFFERDAM	5-63-2-Q	NOT ASSESSABLE
LCAC WASHDOWN TANK	5-67-2-W	NOT INSPECTED, REQUIRES GAS FREE
FUEL SERVICE TK	5-71-2-F	NOT INSPECTED, REQUIRES GAS FREE
FUEL SERVICE TK	5-71-4-F	NOT INSPECTED, REQUIRES GAS FREE
LO STORAGE TANK	5-74-3-F	NOT INSPECTED, REQUIRES GAS FREE
LO STORAGE TANK	5-75-1-F	NOT INSPECTED, REQUIRES GAS FREE
LO STOR/SETLG TANK	5-76-1-F	NOT INSPECTED, REQUIRES GAS FREE
LO STORAGE TANK	5-76-3-F	NOT INSPECTED, REQUIRES GAS FREE
LO STOR/SETLG TANK	5-77-1-F	NOT INSPECTED, REQUIRES GAS FREE
LO STORAGE TANK	5-77-3-F	NOT INSPECTED, REQUIRES GAS FREE
LO SETTLING TANK	5-78-1-F	NOT INSPECTED, REQUIRES GAS FREE
MN ENG LO SUMP TANK	5-78-2-F	NOT INSPECTED, REQUIRES GAS FREE
LO STORAGE TANK	5-78-3-F	NOT INSPECTED, REQUIRES GAS FREE
MN ENG LO SUMP TANK	5-78-4-F	NOT INSPECTED, REQUIRES GAS FREE
RESERVE FEED WATER TANK	5-83-1-W	NOT INSPECTED, REQUIRES GAS FREE
SSDG LUBO STOR TK	5-89-0-F	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	5-115-0-W	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	5-115-1-W	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	5-115-2-W	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	5-121-0-W	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	5-121-1-W	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	5-121-2-W	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	5-125-0-W	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	5-125-1-W	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	5-125-2-W	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	5-129-0-W	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	5-129-1-W	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	5-129-2-W	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	5-134-0-W	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	5-134-3-W	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	5-134-4-W	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	5-137-0-W	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	5-137-1-W	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	5-137-2-W	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	5-140-0-W	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	5-140-1-W	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	5-140-2-W	NOT INSPECTED, REQUIRES GAS FREE
VOID	6-B-0-V	NOT INSPECTED, REQUIRES GAS FREE



**USS TORTUGA (LSD-46)**  
**STRUCTURAL INSPECTION RESULTS**  
**UNASSESSABLE AREAS**

NAME	NUMBER	REMARKS
BALLAST TANK	6-2-0-W	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	6-6-0-W	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	6-21-0-W	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	6-14-0-W	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	6-29-0-W	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	6-35-0-W	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	6-39-0-W	NOT INSPECTED, REQUIRES GAS FREE
PORTABLE WATER TANK	6-41-1-W	NOT INSPECTED, REQUIRES GAS FREE
PORTABLE WATER TANK	6-41-2-W	NOT INSPECTED, REQUIRES GAS FREE
PORTABLE WATER TANK	6-41-3-W	NOT INSPECTED, REQUIRES GAS FREE
PORTABLE WATER TANK	6-41-4-W	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	6-43-0-W	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	6-43-1-W	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	6-43-2-W	NOT INSPECTED, REQUIRES GAS FREE
FUEL TANK	6-48-1-F	NOT INSPECTED, REQUIRES GAS FREE
FUEL TANK	6-48-2-F	NOT INSPECTED, REQUIRES GAS FREE
OILY WTR DR CLTG TK	6-49-1-W	NOT INSPECTED, REQUIRES GAS FREE
OILY WTR DR CLTG TK	6-49-2-W	NOT INSPECTED, REQUIRES GAS FREE
SSDG USED OIL TANK	6-51-0-F	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	6-52-1-W	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	6-52-2-W	NOT INSPECTED, REQUIRES GAS FREE
COFFERDAM	6-52-3-Q	NOT ASSESSABLE
FUEL OVERFLOW TK	6-52-4-F	NOT INSPECTED, REQUIRES GAS FREE
FUEL OVERFLOW TK	6-54-1-F	NOT INSPECTED, REQUIRES GAS FREE
OILY WTR DR CLTG TK	6-53-1-W	NOT INSPECTED, REQUIRES GAS FREE
OILY WTR DR CLTG TK	6-53-2-W	NOT INSPECTED, REQUIRES GAS FREE
COFFERDAM (OT)	6-55-1-Q	NOT ASSESSABLE
OILY WTR DR CLTG TK	6-55-2-W	NOT INSPECTED, REQUIRES GAS FREE
COFFERDAM (OT)	6-55-3-Q	NOT ASSESSABLE
VOID	6-56-0-V	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	6-56-1-W	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	6-56-2-W	NOT INSPECTED, REQUIRES GAS FREE
FUEL TANK	6-56-3-F	NOT INSPECTED, REQUIRES GAS FREE
FUEL TANK	6-56-4-F	NOT INSPECTED, REQUIRES GAS FREE
CONTAM OIL SETLG TK	6-57-1-F	NOT INSPECTED, REQUIRES GAS FREE
FUEL SERVICE TK	6-57-2-F	NOT INSPECTED, REQUIRES GAS FREE
WASTE OIL TANK	6-59-1-F	NOT INSPECTED, REQUIRES GAS FREE
OILY WASTE HLDG TK	6-59-2-F	NOT INSPECTED, REQUIRES GAS FREE
FUEL TANK	6-59-3-F	NOT INSPECTED, REQUIRES GAS FREE
FUEL SERVICE TK	6-59-4-F	NOT INSPECTED, REQUIRES GAS FREE
FUEL TANK	6-59-5-F	NOT INSPECTED, REQUIRES GAS FREE
FUEL TANK	6-59-6-F	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	6-61-0-W	NOT INSPECTED, REQUIRES GAS FREE
VOID	6-61-1-V	NOT INSPECTED, REQUIRES GAS FREE
WASTE WTR DR COLL TK	6-61-2-W	NOT INSPECTED, REQUIRES GAS FREE
FUEL TANK	6-61-4-F	NOT INSPECTED, REQUIRES GAS FREE
VOID	6-63-1-V	NOT INSPECTED, REQUIRES GAS FREE

**USS TORTUGA (LSD-46)**  
**STRUCTURAL INSPECTION RESULTS**  
**UNASSESSABLE AREAS**

NAME	NUMBER	REMARKS
FUEL TANK	6-63-2-F	NOT INSPECTED, REQUIRES GAS FREE
RDCN GEAR LO SUMP TANK	6-63-3-F	NOT INSPECTED, REQUIRES GAS FREE
FUEL TANK	6-63-4-F	NOT INSPECTED, REQUIRES GAS FREE
FUEL TANK	6-63-5-F	NOT INSPECTED, REQUIRES GAS FREE
FUEL LEAK OFF COLL TK.	6-64-2-F	NOT INSPECTED, REQUIRES GAS FREE
INACCESSABLE VOID	6-65-1-V	INACCESSABLE VOID
OILY WTR DR CLTG TK	6-65-2-W	NOT INSPECTED, REQUIRES GAS FREE
CPP HYD OIL SMP TK	6-65-3-F	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	6-67-0-W	NOT INSPECTED, REQUIRES GAS FREE
FUEL TANK	6-67-1-F	NOT INSPECTED, REQUIRES GAS FREE
FUEL TANK	6-67-2-F	NOT INSPECTED, REQUIRES GAS FREE
FUEL TANK	6-67-3-F	NOT INSPECTED, REQUIRES GAS FREE
FUEL TANK	6-67-4-F	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	6-70-1-W	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	6-70-2-W	NOT INSPECTED, REQUIRES GAS FREE
FUEL TANK	6-70-3-F	NOT INSPECTED, REQUIRES GAS FREE
FUEL TANK	6-70-4-F	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	6-74-0-W	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	6-74-1-W	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	6-74-2-W	NOT INSPECTED, REQUIRES GAS FREE
FUEL OVERFLOW TK	6-74-3-F	NOT INSPECTED, REQUIRES GAS FREE
FUEL OVERFLOW TK	6-74-4-F	NOT INSPECTED, REQUIRES GAS FREE
OILY WTR DR CLTG TK	6-75-2-W	NOT INSPECTED, REQUIRES GAS FREE
COFFERDAM (OT)	6-77-2-Q	NOT ASSESSABLE
COFFERDAM (OT)	6-77-4-Q	NOT ASSESSABLE
VOID	6-78-0-V	NOT INSPECTED, REQUIRES GAS FREE
OILY WTR DR CLTG TK	6-78-1-W	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	6-78-2-W	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	6-78-3-W	NOT INSPECTED, REQUIRES GAS FREE
FUEL TANK	6-78-4-F	NOT INSPECTED, REQUIRES GAS FREE
FUEL TANK	6-78-5-F	NOT INSPECTED, REQUIRES GAS FREE
CONTAM OIL SETLG TK	6-79-1-F	NOT INSPECTED, REQUIRES GAS FREE
OILY WASTE HLDG TK	6-81-1-F	NOT INSPECTED, REQUIRES GAS FREE
WASTE OIL TANK	6-81-2-F	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	6-81-3-W	NOT INSPECTED, REQUIRES GAS FREE
CPP HYD OIL SMP TK	6-87-4-F	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	6-81-4-W	NOT INSPECTED, REQUIRES GAS FREE
FUEL TANK	6-81-5-F	NOT INSPECTED, REQUIRES GAS FREE
FUEL TANK	6-81-6-F	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	6-83-0-W	NOT INSPECTED, REQUIRES GAS FREE
WASTE WTR DR COLL TK	6-83-1-W	NOT INSPECTED, REQUIRES GAS FREE
VOID	6-83-2-V	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	6-85-1-W	NOT INSPECTED, REQUIRES GAS FREE
RDCN GEAR LO SUMP TANK	6-85-2-F	NOT INSPECTED, REQUIRES GAS FREE
FUEL TANK	6-85-3-F	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	6-85-4-W	NOT INSPECTED, REQUIRES GAS FREE
FUEL TANK	6-85-6-F	NOT INSPECTED, REQUIRES GAS FREE

**USS TORTUGA (LSD-46)**  
**STRUCTURAL INSPECTION RESULTS**  
**UNASSESSABLE AREAS**

<b>NAME</b>	<b>NUMBER</b>	<b>REMARKS</b>
FO LEAK OFF COLL TK.	6-86-1-F	NOT INSPECTED, REQUIRES GAS FREE
VOID	6-86-2-V	NOT INSPECTED, REQUIRES GAS FREE
OILY WTR DR CLTG TK	6-86-3-W	NOT INSPECTED, REQUIRES GAS FREE
VOID	6-87-2-V	NOT INSPECTED, REQUIRES GAS FREE
SSDG USED OIL TANK	6-89-0-F	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	6-89-01-W	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	6-89-1-W	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	6-89-4-W	NOT INSPECTED, REQUIRES GAS FREE
FUEL TANK	6-89-6-F	NOT INSPECTED, REQUIRES GAS FREE
OILY WTR DR CLTG TK	6-93-1-W	NOT INSPECTED, REQUIRES GAS FREE
OILY WTR DR CLTG TK	6-93-2-W	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	6-93-3-W	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	6-93-4-W	NOT INSPECTED, REQUIRES GAS FREE
FUEL OVERFLOW TK	6-93-5-F	NOT INSPECTED, REQUIRES GAS FREE
FUEL OVERFLOW TK	6-93-6-F	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	6-98-01-W	NOT INSPECTED, REQUIRES GAS FREE
JP 5 TANK	6-99-3-J	NOT INSPECTED, REQUIRES GAS FREE
JP 5 TANK	6-99-4-J	NOT INSPECTED, REQUIRES GAS FREE
JP SERVICE TANK	6-98-5-J	NOT INSPECTED, REQUIRES GAS FREE
JP SERVICE TANK	6-98-6-J	NOT INSPECTED, REQUIRES GAS FREE
LCAC SERVICE TANK	6-99-1-F	NOT INSPECTED, REQUIRES GAS FREE
LCAC SERVICE TANK	6-99-2-F	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	6-101-1-W	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	6-101-2-W	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	6-103-0-W	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	6-103-1-W	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	6-103-2-W	NOT INSPECTED, REQUIRES GAS FREE
FUEL OVERFLOW TK	6-103-3-F	NOT INSPECTED, REQUIRES GAS FREE
FUEL OVERFLOW TK	6-103-4-F	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	6-107-0-W	NOT INSPECTED, REQUIRES GAS FREE
FUEL TANK	6-107-1-F	NOT INSPECTED, REQUIRES GAS FREE
FUEL TANK	6-107-2-F	NOT INSPECTED, REQUIRES GAS FREE
BALLAST TANK	6-111-0-W	NOT INSPECTED, REQUIRES GAS FREE
FUEL TANK	6-111-1-F	NOT INSPECTED, REQUIRES GAS FREE
FUEL TANK	6-111-2-F	NOT INSPECTED, REQUIRES GAS FREE

# USS TORTUGA LSD-46

## MATERIAL ASSESSMENT FORM

INT TRK#31071Q

(SPORT CODE 220 USE ONLY) (STRUCTURAL ASSESSMENT)

Area:

<b>ITEM NUMBER</b> <b>MAF#</b>		<b>SHIP</b> USS TORTUGA LSD 46			
<b>SYSTEM</b> HULL STRUCTURE		<b>ESWBS</b> 11021	<b>EIC</b> A100	<b>APL</b> X SYSTEM APL	<b>RIN</b>
<b>EQUIPMENT NAME</b> SHELL & SUPPORTING STRUCTURE		<b>IDENT/SERIAL</b> N/A	<b>LOCATION</b> 3-107-1-Q	<b>WORK CENTER</b> ER01	<b>JSN</b> A257
<b>EQUIPMENT STATUS</b>		<b>PROBLEM STATUS</b>			<b>CATEGORY</b>
1. SAT - SATISFACTORY 2. <b>UNSAT - UNSATISFACTORY</b> 3. TNA - TEST NOT ATTEMPTED 4. TNC - TEST NOT COMPLETED 5. NOB - EQUIPMENT NOT ONBOARD		1. C - CORRECTED 2. A - AWAITING PARTS 3. T - AWAITING TECH ASSIST* 4. <b>S - SHIP'S FORCE</b> *UNCORRECTED PROBLEMS			4. D - DOWN 5. L - LIMITED  <b>. 6</b>
<b>TYPE/AVAILABILITY</b>	<b>WHEN TO BE ACCOMPLISHED</b>	<b>STATUS</b>	<b>CAUSE</b>	<b>DEFERRAL REASON</b>	
1. <b>DEPOT</b>  2. IMA  3. TECH ASSIST  4. SHIP'S FORCE  5. SFWL  <b>1</b>	1. IMMEDIATELY  2. PRIOR TO NEXT UNDERWAY  3. <b>PIROR TO NEXT DEPLOYMENT</b>  4. DURING POST DEPLOYMENT AVAILABILITY  <b>3</b>	1. OPERATIONAL  2. NON-OPERATIONAL  3. <b>REDUCED CAPABILITY</b>  0. NOT APPLICABLE  <b>3</b>	1. ABNORMAL ENVIRONMENT 2. MANUFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE 4. COMMUNICATION PROBLEMS 5. INADEQUATE INSTRUCTION/PROCEDURE 6. INADEQUATE DESIGN 7. <b>NORMAL WEAR AND TEAR</b> 0. NOT APPLICABLE  <b>7</b>	1. S/F BACKLOG/OPERATIONAL PRIORITY 2. LACK OF MATERIAL 3. NO FORMAL TRAINING ON THIS EQUIPMENT 4. FORMAL TRAINING INADEQUATE IN THIS EQUIPMENT 5. INADEQUATE SCHOOL PRACTICAL TRAINING 6. LACK OF FACILITIES/CAPABILITIES 7. NOT AUTHORIZED FOR S/F ACCOMPLISHMENT 8. FOR S/F OVERHAUL OR AVAILABILITY WORK LIST 9. LACK OF TECHNICAL DOCUMENTATION 0. OTHER OR NOT APPLICABLE	
<b>MAN HRS EXPENDED</b> 01	<b>MAN HRS REMAINING</b>	<b>COMPLETED ACTION TAKEN</b>		<b>S/F MANHOURS</b>	<b>PRIORITY</b>
<b>SAFETY HAZARD:</b> 1. SERIOUS - CORRECT AS SOON AS POSSIBLE 2. SERIOUS - SUSPENSION OF EQUIPMENT/SYSTEM/SPACE REQUIRED 3. SERIOUS - WAIVER OF EQUIPMENT/SYSTEM 4. SAFETY ITEM - MINOR 5. COMBUSTIBLE MATERIAL		1. MAINTENANCE ACTION COMPLETED: PARTS DRAWN FROM SUPPLY 2. MAINTENANCE ACTION COMPLETED: REQUIRED PARTS NOT DRAWN FROM SUPPLY 3. MAINTENANCE ACTION COMPLETED: NO PARTS REQUIRED 4. CANCELLED - DEFERRAL WILL BE REMOVED FROM CSMP 7. MAINTENANCE ACTION COMPLETED: 3-M CAPABILITY UTILIZED 0. NONE OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION			1. MANDATORY 2. ESSENTIAL 3. <b>HIGHLY DESIRABLE</b> 4. DESIRABLE  <b>3</b>
<b>DISCREPANCY DESCRIPTION: AS PER SEMAT II INSPECTION AT: SEW INJ RM NO1 3-107-1-Q UNDERWATER SHELL &amp; SUPPORT ASSESSMENT DETERIORATED/HOLED PL AND BKHD PL FOUND FROM FR 107 AFT TO FR109.</b>					
<b>STILL PICTURE NOS: 011, 029</b>					
<b>STILL PICTURE JSN NOS:</b>					
<b>RECOMMENDED REPAIRS: OPEN, GAS FREE, &amp; CERT SAFE FOR HOT WORK TANKS 3-107-3-W &amp; 6-107-1-F, REPLACE APPROX 3 INCHES x 24 INCHES OF ASTM 36 (5/16 INCH PL). PREP, PRIME &amp; PAINT APPROX 3 SQ FT OF THE DECK AREA UNDER THE SEWAGE INJECTION TANK ALL REPAIRS FROM FRM/BKHD 107 AFT TO FRM 109. REFER TO ATTACHED DWGS/PHOTOS/UT READINGS. WELD IAW STD ITM 009-12, PREP AND PRESERVE IAW STD ITM 009-32 (NSTM-631). FTSCLANT TO MAKE FINAL RISK ASSESSMENT AND REPAIR RECOMMENDATION.</b>					
<b>SSPORT C221 POC: B. WILLIAMS (757) 396-4001 EXT 2166, TPOC: M.GUAY(MSC)(757)494-9025/B. CAIN(MSC)1-888-825-6881</b>					
<b>CSMP SUMMARY:</b> <b>3-107-1-Q, SEW INJ RM DETERIORATED PLATING.</b>				<b>TEST#</b> 1102/1	
<b>ROOT CAUSE/AMPLIFICATION</b> I				<b>STEP#</b>	
<b>SYSTEM LEVEL IMPACT</b>					
<b>PART NO.</b>	<b>NOMEMCLATURE</b>		<b>QTY</b>	<b>NSN</b>	<b>COST</b>
1					
2					
<b>FIRST CONTACT</b> CHASE		<b>RATE</b> HT1	<b>SECOND CONTACT</b> PEARSON		<b>RATE</b> LTJG
<b>WEB SITE:</b> WWW.SPEAR.NAVY.MIL/SHOT/UT/SHELLCON.HTM					
<b>PLANS, TECH MANUALS ETC:</b> DWG NO NAVSEA 111-6100165 SH NO 6					
<b>ASSESSOR / ACT / TECH ID#</b> SUPSHIP PORTSMOUTH B.WILLIAMS SPORT G. BAUER/H. SHOATS-(MSC) (757) 396-4001 X 2166			<b>TD</b>	<b>TL</b>	<b>LOGISTICIAN</b>
					<b>TSP</b>

## USS TORTUGA LSD-46

SEW EJM SYS RM NO. 1 (3-107-1-Q) JSN NO: A257

½ INCH DIAMETER HOLE IN BHD FR 107



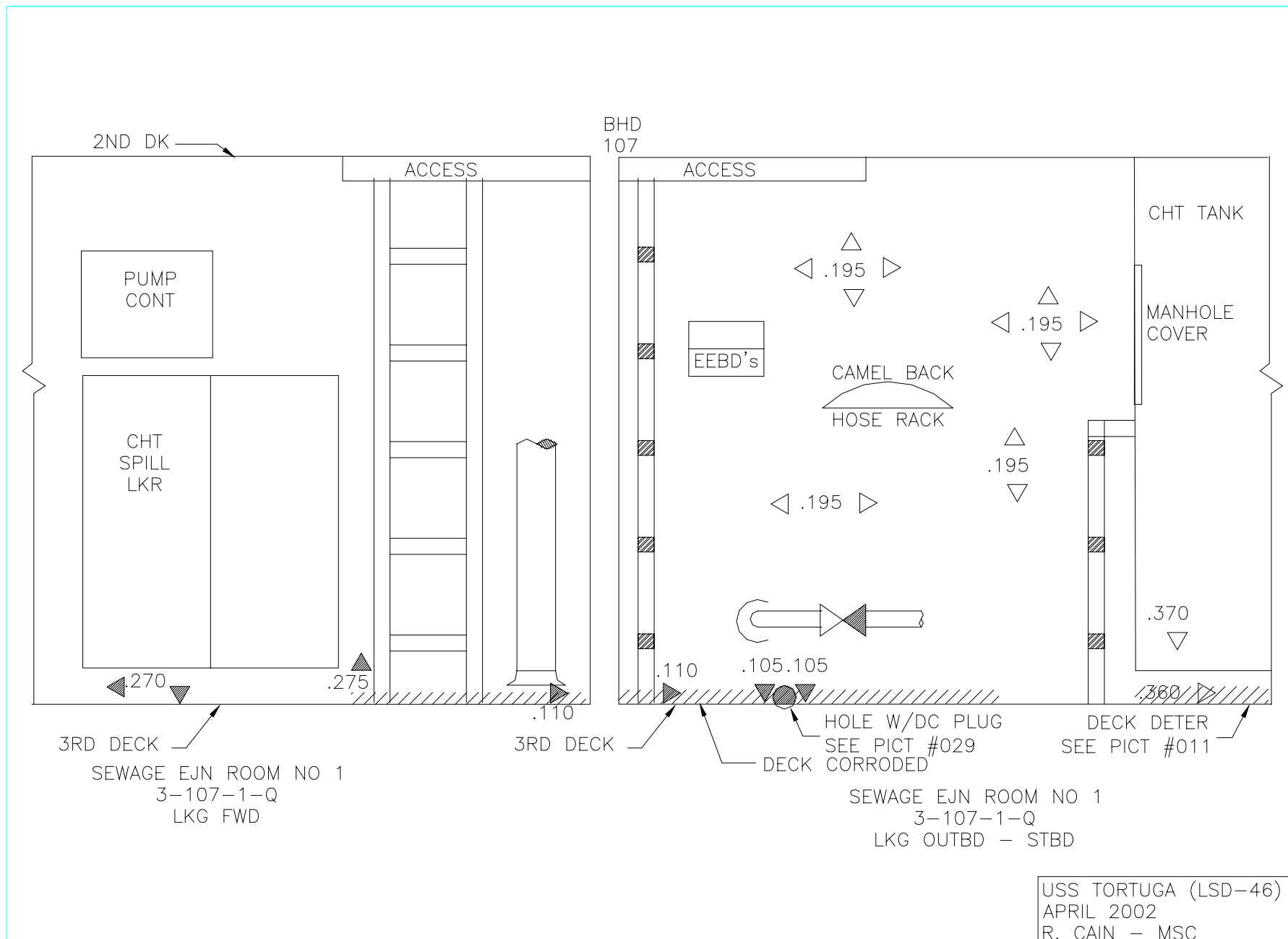
PHOTO 029

DECK CORRODED UNDER TANK, FR 109

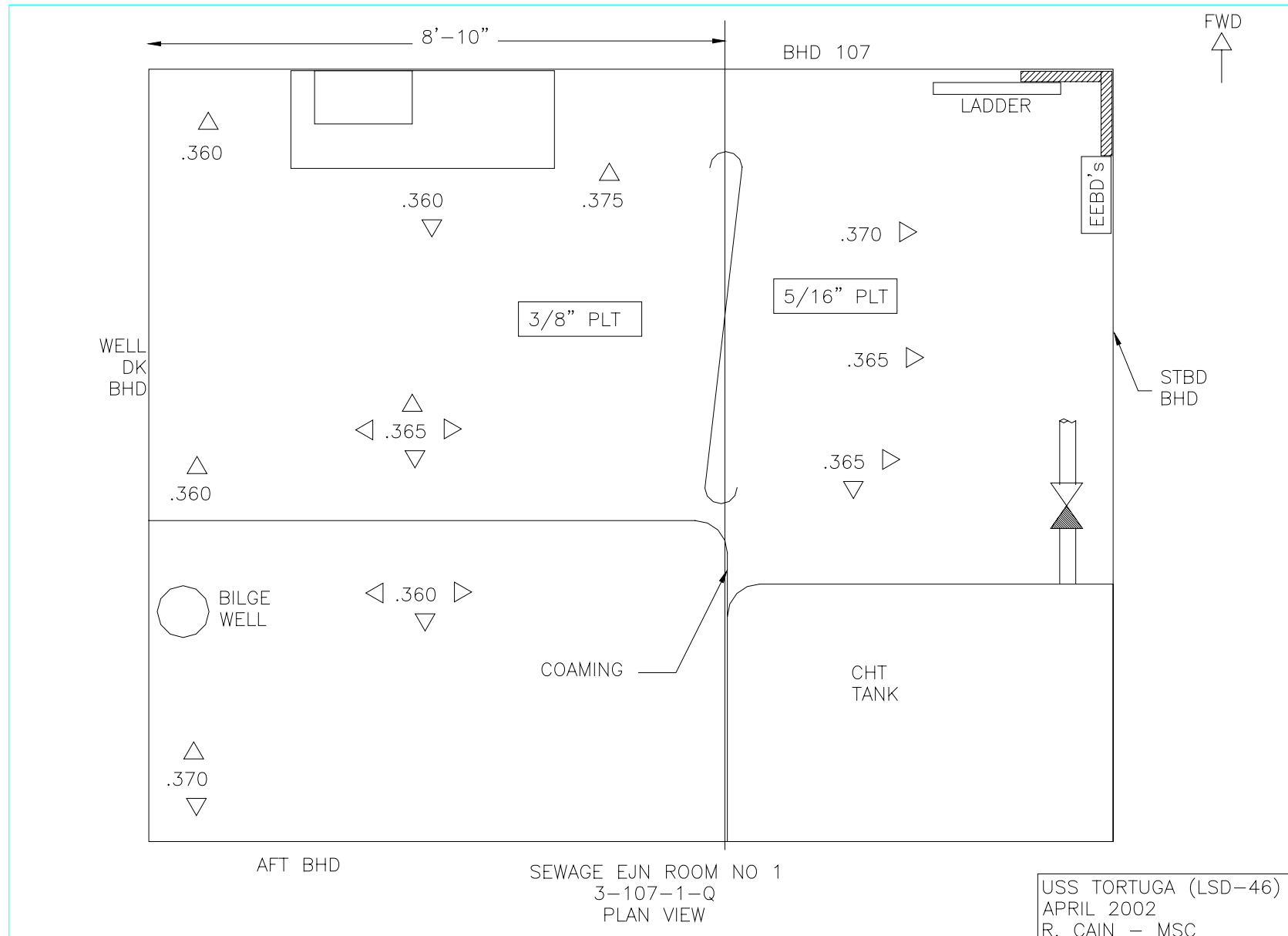


PHOTO 011

# USS TORTUGA LSD-46



# USS TORTUGA LSD-46



# USS TORTUGA LSD-46

## MATERIAL ASSESSMENT FORM

INT TRK#31072Q

(SPORT CODE 220 USE ONLY) (STRUCTURAL ASSESSMENT)

Area:

<b>ITEM NUMBER</b> <b>MAF#</b>		<b>SHIP</b> USS TORTUGA LSD 46			
<b>SYSTEM</b> HULL STRUCTURE		<b>ESWBS</b> 11021	<b>ETC</b> A100	<b>APL</b> X SYSTEM APL	
<b>EQUIPMENT NAME</b> SHELL & SUPPORTING STRUCTURE		<b>IDENT/SERIAL</b> N/A	<b>LOCATION</b> 3-107-2-Q	<b>WORK CENTER</b> ER01	<b>JSN</b> A272
<b>EQUIPMENT STATUS</b>		<b>PROBLEM STATUS</b>		<b>CATEGORY</b>	
1. SAT - SATISFACTORY 2. <b>UNSAT - UNSATISFACTORY</b> 3. TNA - TEST NOT ATTEMPTED 4. TNC - TEST NOT COMPLETED 5. NOB - EQUIPMENT NOT ONBOARD		1. C - CORRECTED 2. A - AWAITING PARTS 3. T - AWAITING TECH ASSIST* 4. <b>S - SHIP'S FORCE</b> *UNCORRECTED PROBLEMS		1. S - PERSONNEL SAFETY 2. Z - EQUIPMENT SAFETY 3. <b>H - HARDWARE</b> 4. D - DOWN 5. L - LIMITED	
<b>TYPE/AVAILABILITY</b>		<b>WHEN TO BE ACCOMPLISHED</b>	<b>STATUS</b>	<b>CAUSE</b>	<b>DEFERRAL REASON</b>
1. <b>DEPOT</b> 2. IMA 3. TECH ASSIST 4. SHIP'S FORCE 5. SFWL		1. IMMEDIATELY 2. PRIOR TO NEXT UNDERWAY 3. <b>PIROR TO NEXT DEPLOYMENT</b> 4. DURING POST DEPLOYMENT AVAILABILITY	1. OPERATIONAL 2. NON-OPERATIONAL 3. <b>REDUCED CAPABILITY</b> 0. NOT APPLICABLE	1. ABNORMAL ENVIRONMENT 2. MANUFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE 4. COMMUNICATION PROBLEMS 5. INADEQUATE INSTRUCTION/PROCEDURE 6. INADEQUATE DESIGN 7. <b>NORMAL WEAR AND TEAR</b> 0. NOT APPLICABLE	1. S/F BACKLOG/OPERATIONAL PRIORITY 2. LACK OF MATERIAL 3. NO FORMAL TRAINING ON THIS EQUIPMENT 4. FORMAL TRAINING INADEQUATE IN THIS EQUIPMENT 5. INADEQUATE SCHOOL PRACTICAL TRAINING 6. LACK OF FACILITIES/CAPABILITIES 7. NOT AUTHORIZED FOR S/F ACCOMPLISHMENT 8. FOR S/F OVERHAUL OR AVAILABILITY WORK LIST 9. LACK OF TECHNICAL DOCUMENTATION 0. OTHER OR NOT APPLICABLE
<b>MAN HRS EXPENDED</b> 01		<b>MAN HRS REMAINING</b>		<b>COMPLETED ACTION TAKEN</b>	<b>S/F MANHOURS</b>
<b>SAFETY HAZARD:</b> 1. SERIOUS - CORRECT AS SOON AS POSSIBLE 2. SERIOUS - SUSPENSION OF EQUIPMENT/SYSTEM/SPACE REQUIRED 3. SERIOUS - WAIVER OF EQUIPMENT/SYSTEM 4. SAFETY ITEM - MINOR 5. COMBUSTIBLE MATERIAL		1. MAINTENANCE ACTION COMPLETED: PARTS DRAWN FROM SUPPLY 2. MAINTENANCE ACTION COMPLETED: REQUIRED PARTS NOT DRAWN FROM SUPPLY 3. MAINTENANCE ACTION COMPLETED: NO PARTS REQUIRED 4. CANCELLED - DEFERRAL WILL BE REMOVED FROM CSMP 7. MAINTENANCE ACTION COMPLETED: 3-M CAPABILITY UTILIZED 0. NONE OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION			1. MANDATORY 2. ESSENTIAL 3. <b>HIGHLY DESIRABLE</b> 4. DESIRABLE
DISCREPANCY DESCRIPTION: AS PER SEMAT II INSPECTION AT: SEW INJ RM NO1 3-107-2-Q UNDERWATER SHELL & SUPPORT ASSESSMENT APPROX 14 OF DETERIORATED STRINGERS 1&2 (T-BAR CHANNEL/WEB, FLANGE), DUE TO HIGH MOISYURE READINGS (S#1=86.6,S#2=99.9%)					
STILL PICTURE NO.030,031,044					
STILL PICTURE JSN NOS:					
RECOMMENDED REPAIRS: OPEN, GAS FREE, & CERT SAFE FOR HOT WORK TANKS 3-107-4-W & 6-107-2-F, REPLACE APPROX 7 INCHES x 3/16 INCH T-BAR CHANNEL EACH ON STRINGER #'S 1&2. PREP,PRIME AND PAINT ENTIRE DECK AREA OF SPACE. ALL REPAIRS FROM STBD SIDE, FRM 107 AFT TO FRM 119. REFER TO ATTACHED DWGS/ PHOTOS/ UT READINGS. WELD IAW STD ITM 009-12,PREP AND PRESERVE IAW STD ITM 009-32 (NSTM-631).FTSCLANT TO MAKE FINAL RISK ASSESSMENT AND REPAIR RECOMMENDATIONS.					
SSPORT C221 POC: B. WILLIAMS (757) 396-4001 EXT 2166, TPOC: M.GUAY(MSC)(757)494-9025/B. CAIN(MSC)1-888-825-6881					
<b>CSMP SUMMARY:</b> 3-107-2-Q, SEW INJ RM DETERIORATED PLATING.				<b>TEST#</b> 1102/1	
<b>ROOT CAUSE/AMPLIFICATION</b> I				<b>STEP#</b>	
<b>SYSTEM LEVEL IMPACT</b>					
<b>PART NO.</b>	<b>NOMEMCLATURE</b>			<b>QTY</b>	<b>NSN</b>
1					
2					
<b>FIRST CONTACT</b> CHASE		<b>RATE</b> HT1	<b>SECOND CONTACT</b> PEARSON		<b>RATE</b> LTJG
<b>WEB SITE:</b> WWW.SPEAR.NAVY.MIL/SHOT/UT/SHELLCON.HTM					
<b>PLANS, TECH MANUALS ETC:</b> DWG NO NAVSEA 111-6100165 SH NO 6					
<b>ASSESSOR / ACT / TECH ID#</b> SUPSHIP PORTSMOUTH B.WILLIAMS SPORT G. BAUER/H. SHOATS-(MSC) (757) 396-4001 X 2166		<b>TD</b>	<b>TL</b>	<b>LOGISTICIAN</b>	
				<b>TSP</b>	



## USS TORTUGA LSD-46

SEW EJN RM NO 2 3-107-2-Q JSN NO: A272

STRINGERS L22 AND L23 CORRODED.



STRINGERS L22 AND L23 CORRODED.

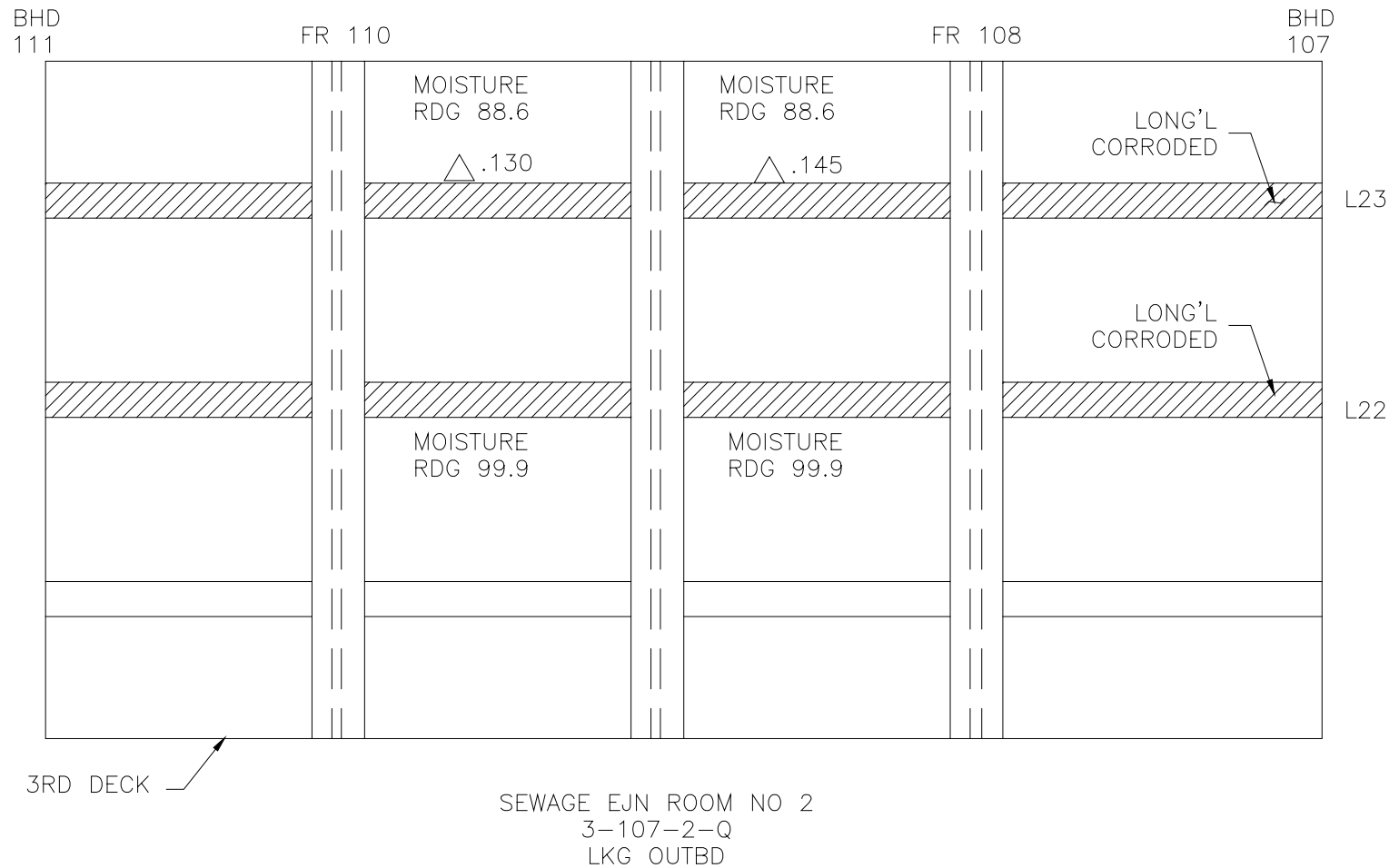


## USS TORTUGA LSD-46

SEW EJM RM NO 2 3-107-2-Q JSN NO: A272  
DECK UNDER SEWAGE TANK CORRODED.



# USS TORTUGA LSD-46



USS TORTUGA (LSD-46)  
APRIL 2002  
R. CAIN - MSC

# USS TORTUGA LSD-46

## MATERIAL ASSESSMENT FORM

INT TRK#4350Q

(SPORT CODE 220 USE ONLY) (STRUCTURAL ASSESSMENT)

Area:

<b>ITEM NUMBER</b> <b>MAF#</b>		<b>SHIP</b> USS TORTUGA LSD 46			
<b>SYSTEM</b> HULL STRUCTURE		<b>ESWBS</b> 11021	<b>EIC</b> A100	<b>APL</b> X SYSTEM APL	
<b>EQUIPMENT NAME</b> SHELL & SUPPORTING STRUCTURE		<b>IDENT/SERIAL</b> N/A	<b>LOCATION</b> 4-35-0-Q	<b>WORK CENTER</b> DA02	<b>JSN</b> A031
<b>EQUIPMENT STATUS</b>		<b>PROBLEM STATUS</b>		<b>CATEGORY</b>	
1. SAT - SATISFACTORY 2. <b>UNSAT - UNSATISFACTORY</b> 3. TNA - TEST NOT ATTEMPTED 4. TNC - TEST NOT COMPLETED 5. NOB - EQUIPMENT NOT ONBOARD		1. C - CORRECTED 2. A - AWAITING PARTS 3. T - AWAITING TECH ASSIST* 4. <b>S - SHIP'S FORCE</b> *UNCORRECTED PROBLEMS		1. S - PERSONNEL SAFETY 2. Z - EQUIPMENT SAFETY 3. <b>H - HARDWARE</b> 4. D - DOWN 5. L - LIMITED	
<b>TYPE/AVAILABILITY</b>		<b>WHEN TO BE ACCOMPLISHED</b>	<b>STATUS</b>	<b>CAUSE</b>	<b>DEFERRAL REASON</b>
1. <b>DEPOT</b> 2. IMA 3. TECH ASSIST 4. SHIP'S FORCE 5. SPWL		1. IMMEDIATELY 2. PRIOR TO NEXT UNDERWAY 3. <b>PIROR TO NEXT DEPLOYMENT</b> 4. DURING POST DEPLOYMENT AVAILABILITY	1. OPERATIONAL 2. NON-OPERATIONAL 3. <b>REDUCED CAPABILITY</b> 0. NOT APPLICABLE	1. ABNORMAL ENVIRONMENT 2. MANUFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE 4. COMMUNICATION PROBLEMS 5. INADEQUATE INSTRUCTION/PROCEDURE 6. INADEQUATE DESIGN 7. <b>NORMAL WEAR AND TEAR</b> 0. NOT APPLICABLE	1. S/F BACKLOG/OPERATIONAL PRIORITY 2. LACK OF MATERIAL 3. NO FORMAL TRAINING ON THIS EQUIPMENT 4. FORMAL TRAINING INADEQUATE IN THIS EQUIPMENT 5. INADEQUATE SCHOOL PRACTICAL TRAINING 6. LACK OF FACILITIES/CAPABILITIES 7. NOT AUTHORIZED FOR S/F ACCOMPLISHMENT 8. FOR S/F OVERHAUL OR AVAILABILITY WORK LIST 9. LACK OF TECHNICAL DOCUMENTATION 0. OTHER OR NOT APPLICABLE
<b>MAN HRS EXPENDED</b> 01		<b>MAN HRS REMAINING</b>		<b>COMPLETED ACTION TAKEN</b>	<b>S/F MANHOURS</b>
<b>SAFETY HAZARD:</b> 1. SERIOUS - CORRECT AS SOON AS POSSIBLE 2. SERIOUS - SUSPENSION OF EQUIPMENT/SYSTEM/SPACE REQUIRED 3. SERIOUS - WAIVER OF EQUIPMENT/SYSTEM 4. SAFETY ITEM - MINOR 5. COMBUSTIBLE MATERIAL		1. MAINTENANCE ACTION COMPLETED: PARTS DRAWN FROM SUPPLY 2. MAINTENANCE ACTION COMPLETED: REQUIRED PARTS NOT DRAWN FROM SUPPLY 3. MAINTENANCE ACTION COMPLETED: NO PARTS REQUIRED 4. CANCELLED - DEFERRAL WILL BE REMOVED FROM CSMP 7. MAINTENANCE ACTION COMPLETED: 3-M CAPABILITY UTILIZED 0. NONE OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION			1. MANDATORY 2. ESSENTIAL 3. <b>HIGHLY DESIRABLE</b> 4. DESIRABLE
<b>DISCREPANCY DESCRIPTION: AS PER SEMAT II INSPECTION AT: WELL DK 4-35-0-Q UNDERWATER SHELL &amp; SUPPORT ASSESSMENT: PAINT SYSTEM FROM FR65-125 AND APPROX 1-6 INCHES OFF DECK ALONG PORT &amp; STBD BKHD IS DETERIORATED.</b>					
<b>STILL PICTURE NOS: 041, 042</b>					
<b>STILL PICTURE JSN NOS:</b>					
<b>RECOMMENDED REPAIRS: GAS FREE, &amp; CERT SAFE FOR HOT WORK ALL AFFECTED TANKS &amp; VOIDS IN THE ADJACENT AREAS. PREP, PRIME AND PRESERVE PORT/STBD BKHD FRAMES 65-125 FROM THE DECK TO APPROXIMATELY 1 FT ABOVE THE DECK. REFER TO ATTACHED DWGS/ PHOTOS/UT READINGS. PREP, PRIME AND PRESERVE IAW STD ITM 009-32 (NSTM-631).</b>					
<b>SSPORT C221 POC: B. WILLIAMS (757) 396-4001 EXT 2166, TPOC: M.GUAY(MSC)(757)494-9025/B. CAIN(MSC)1-888-825-6881</b>					
<b>CSMP SUMMARY:</b> <b>4-35-0-Q, PORT/STBD WELL DK PAINT SYS PRESERVATION</b>				<b>TEST #</b> 1102/1	
<b>ROOT CAUSE/AMPLIFICATION</b> I				<b>STEP #</b>	
<b>SYSTEM LEVEL IMPACT</b>					
<b>PART NO.</b>		<b>NOMEMCLATURE</b>		<b>QTY</b>	<b>NSN</b>
1					
<b>FIRST CONTACT</b> REGAN		<b>RATE</b> BM1	<b>SECOND CONTACT</b> HALBRITTER		<b>RATE</b> ENS
<b>WEB SITE:</b> WWW.SPEAR.NAVY.MIL/SHOT/UT/SHELLCON.HTM					
<b>PLANS, TECH MANUALS ETC:</b> DWG NO NAVSEA 111-6100158/111-6100163					
<b>ASSESSOR / ACT / TECH ID#</b> SUPSHIP PORTSMOUTH B.WILLIAMS SPORT G. BAUER/H. SHOATS-(MSC) (757) 396-4001 X 2166		<b>T</b> D	<b>TL</b>	<b>LOGISTICIAN</b>	
				<b>TSP</b>	



## USS TORTUGA LSD-46

USS TORTUGA (LSD-46) WELL DECK 4-35-0-Q JSN NO: A031  
DECK AND LOWER SECTION OF BULKHEAD CORRODED.



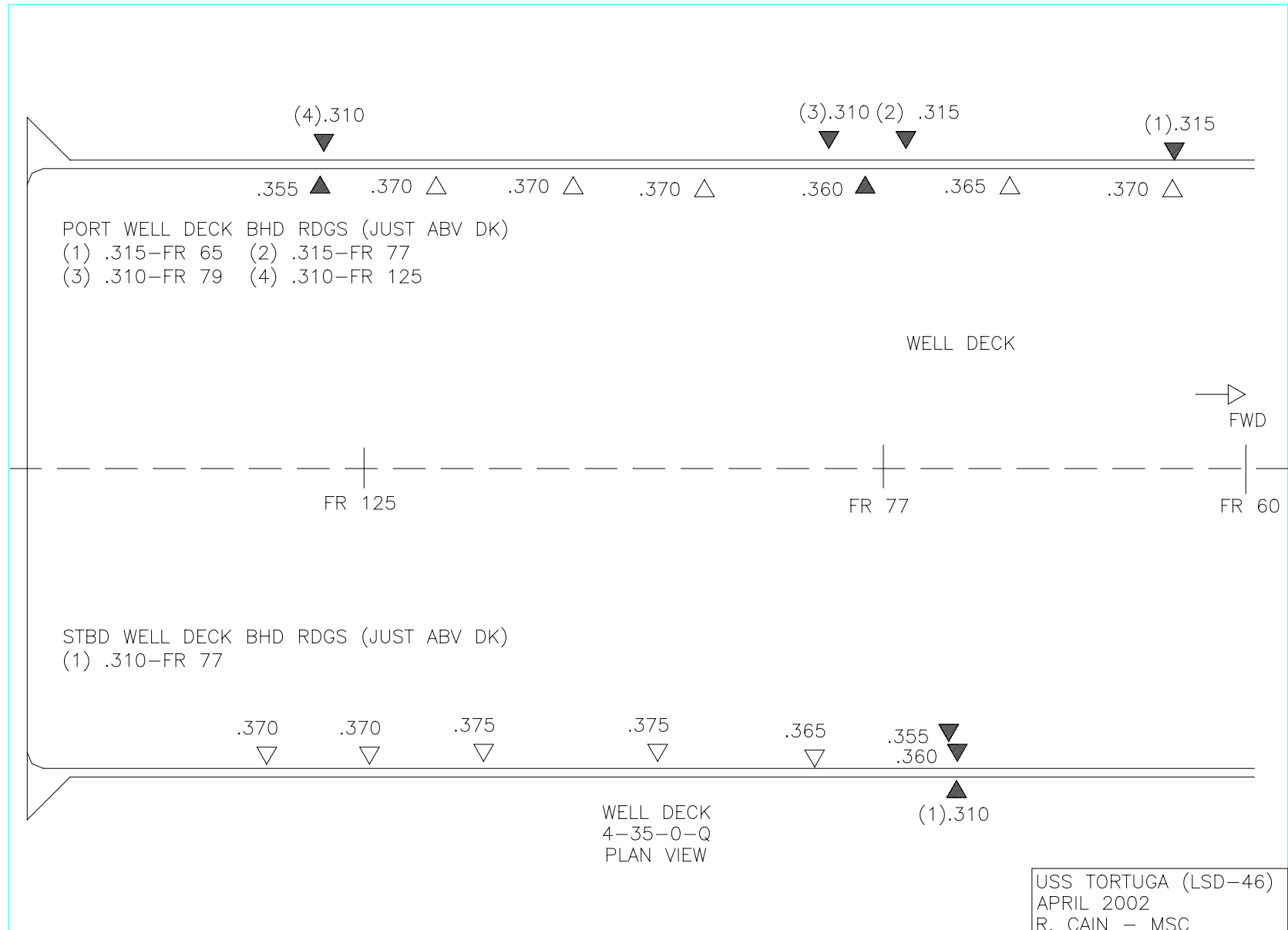
PHOTO 041

DECK AND LOWER SECTION OF BULKHEAD CORRODED.



PHOTO 042

# USS TORTUGA LSD-46



# USS TORTUGA LSD-46

## MATERIAL ASSESSMENT FORM

INT TRK#58901E

(SPORT CODE 220 USE ONLY) (STRUCTURAL ASSESSMENT)

Area:

<b>ITEM NUMBER</b> <b>MAF#</b>		<b>SHIP</b> USS TORTUGA LSD 46			
<b>SYSTEM</b> HULL STRUCTURE		<b>ESWBS</b> 11021	<b>ETC</b> A100	<b>APL</b> X SYSTEM APL	
<b>EQUIPMENT NAME</b> SHELL & SUPPORTING STRUCTURE		<b>IDENT/SERIAL</b> N/A		<b>LOCATION</b> 5-89-01-E	<b>WORK CENTER</b> EM09
<b>EQUIPMENT STATUS</b>		<b>PROBLEM STATUS</b>		<b>CATEGORY</b>	
1. SAT - SATISFACTORY 2. <b>UNSAT - UNSATISFACTORY</b> 3. TNA - TEST NOT ATTEMPTED 4. TNC - TEST NOT COMPLETED 5. NOB - EQUIPMENT NOT ONBOARD		1. C - CORRECTED 2. A - AWAITING PARTS 3. T - AWAITING TECH ASSIST* 4. <b>S - SHIP'S FORCE</b> *UNCORRECTED PROBLEMS		1. S - PERSONNEL SAFETY 2. Z - EQUIPMENT SAFETY 3. <b>H - HARDWARE</b> 4. D - DOWN 5. L - LIMITED	
<b>TYPE/AVAILABILITY</b>		<b>WHEN TO BE ACCOMPLISHED</b>	<b>STATUS</b>	<b>CAUSE</b>	<b>DEFERRAL REASON</b>
1. <b>DEPOT</b> 2. IMA 3. TECH ASSIST 4. SHIP'S FORCE 5. SPWL <div style="text-align: right;">4</div>		1. IMMEDIATELY 2. PRIOR TO NEXT UNDERWAY 3. <b>PIROR TO NEXT DEPLOYMENT</b> 4. DURING POST DEPLOYMENT AVAILABILITY <div style="text-align: right;">3</div>	1. OPERATIONAL 2. NON-OPERATIONAL 3. <b>REDUCED CAPABILITY</b> 0. NOT APPLICABLE <div style="text-align: right;">3</div>	1. ABNORMAL ENVIRONMENT 2. MANUFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE 4. COMMUNICATION PROBLEMS 5. INADEQUATE INSTRUCTION/PROCEDURE 6. INADEQUATE DESIGN 7. <b>NORMAL WEAR AND TEAR</b> 0. NOT APPLICABLE <div style="text-align: right;">7</div>	1. S/F BACKLOG/OPERATIONAL PRIORITY 2. LACK OF MATERIAL 3. NO FORMAL TRAINING ON THIS EQUIPMENT 4. FORMAL TRAINING INADEQUATE IN THIS EQUIPMENT 5. INADEQUATE SCHOOL PRACTICAL TRAINING 6. LACK OF FACILITIES/CAPABILITIES 7. NOT AUTHORIZED FOR S/F ACCOMPLISHMENT 8. FOR S/F OVERHAUL OR AVAILABILITY WORK LIST 9. LACK OF TECHNICAL DOCUMENTATION 0. OTHER OR NOT APPLICABLE
<b>MAN HRS EXPENDED</b> 01		<b>MAN HRS REMAINING</b>		<b>COMPLETED ACTION TAKEN</b>	<b>S/F MANHOURS</b>
<b>SAFETY HAZARD:</b> 1. SERIOUS - CORRECT AS SOON AS POSSIBLE 2. SERIOUS - SUSPENSION OF EQUIPMENT/SYSTEM/SPACE REQUIRED 3. SERIOUS - WAIVER OF EQUIPMENT/SYSTEM 4. SAFETY ITEM - MINOR 5. COMBUSTIBLE MATERIAL		1. MAINTENANCE ACTION COMPLETED: PARTS DRAWN FROM SUPPLY 2. MAINTENANCE ACTION COMPLETED: REQUIRED PARTS NOT DRAWN FROM SUPPLY 3. MAINTENANCE ACTION COMPLETED: NO PARTS REQUIRED 4. CANCELLED - DEFERRAL WILL BE REMOVED FROM CSMP 7. MAINTENANCE ACTION COMPLETED: 3-M CAPABILITY UTILIZED 0. NONE OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION		1. MANDATORY 2. ESSENTIAL 3. <b>HIGHLY DESIRABLE</b> 4. DESIRABLE <div style="text-align: right;">3</div>	
<b>DISCREPANCY DESCRIPTION:</b> AS PER SEMAT II INSPECTION AT: AMR NO2 5-89-01-E UNDERWATER SHELL & SUPPORT ASSESSMENT: APPROX 3 FT BELOW FUEL OIL FILL XFER MANIFOLD FT-F-8 DECK HAS DETERIORATED PAINT SYSTEM BELOW THE MANIFOLD DUE TO CONTINUAL LEAKING MANIFOLD OR ASSOCIATED PIPING.					
<b>STILL PICTURE NOS:</b> 033, 036 <b>STILL PICTURE JSN NOS:</b>					
<b>RECOMMENDED REPAIRS:</b> GAS FREE, & CERT SAFE FOR HOT WORK BILGE POCKET, ISOLATE LEAK AT SOURCE AND REPAIR. PREP, PRIME & PAINT BILGE AREA UNDER FUEL OIL FILL XFER MANIFOLD FT-F-8. REFER TO ATTACHED PHOTOS. WELD (IF REQ'D) IAW STD ITM 009-12, PREP AND PRESERVE IAW STD ITM 009-32 (NSTM-631). FTSCLANT TO MAKE FINAL RISK ASSESSMENT AND REPAIR RECOMMENDATION.					
<b>SSPORT C221 POC: B. WILLIAMS (757) 396-4001 EXT 2166, TPOC: M.GUAY(MSC)(757)494-9025/B. CAIN(MSC)1-888-825-6881</b>					
<b>CSMP SUMMARY:</b> <b>5-89-01-E, AMR NO2 PAINT SYS PRESERVATION</b>				<b>TEST #</b> 1102/1	
<b>ROOT CAUSE/AMPLIFICATION</b> I				<b>STEP #</b>	
<b>SYSTEM LEVEL IMPACT</b>					
<b>PART NO.</b>		<b>NOMEMCLATURE</b>		<b>QTY</b>	<b>NSN</b>
1					
<b>FIRST CONTACT</b> ORRIS		<b>RATE</b> EN1	<b>SECOND CONTACT</b> GIBSON		<b>RATE</b> ENS
<b>WEB SITE:</b> WWW.SPEAR.NAVY.MIL/SHOT/UT/SHELLCON.HTM					
<b>PLANS, TECH MANUALS ETC:</b> DWG NO NAVSEA					
<b>ASSESSOR / ACT / TECH ID#</b> SUPSHIP PORTSMOUTH B.WILLIAMS SPORT G. BAUER/H. SHOATS-(MSC) (757) 396-4001 X 2166		<b>TD</b>	<b>TL</b>	<b>LOGISTICIAN</b>	
				<b>TSP</b>	



## USS TORTUGA LSD-46

USS TORTUGA (LSD-46) AMR NO. 2-5-89-01-E, JSN NO: A096

LEAKING MANIFOLD CAUSING DECK PAINT SYSTEM DETERIORATION.



PHOTO 033

LEAKING MANIFOLD CAUSING DECK PAINT SYSTEM DETERIORATION.



PHOTO 036



# USS TORTUGA LSD-46

## MATERIAL ASSESSMENT FORM

INT TRK#6983T

(SPORT CODE 220 USE ONLY) (STRUCTURAL ASSESSMENT)

Area:

<b>ITEM NUMBER</b> MAF#		<b>SHIP</b> USS TORTUGA LSD 46			
SYSTEM HULL STRUCTURE		ESWBS 11021	EIC A100	APL X SYSTEM APL	RIN
EQUIPMENT NAME SHELL & SUPPORTING STRUCTURE		IDENT/SERIAL N/A	LOCATION 6-98-3-T	WORK CENTER EM08	JSN A071
EQUIPMENT STATUS		PROBLEM STATUS		CATEGORY	
1. SAT - SATISFACTORY 2. <b>UNSAT - UNSATISFACTORY</b> 3. TNA - TEST NOT ATTEMPTED 4. TNC - TEST NOT COMPLETED 5. NOB - EQUIPMENT NOT ONBOARD		1. C - CORRECTED 2. A - AWAITING PARTS 3. T - AWAITING TECH ASSIST* 4. <b>S - SHIP'S FORCE</b> *UNCORRECTED PROBLEMS		1. S - PERSONNEL SAFETY 2. Z - EQUIPMENT SAFETY 3. <b>H - HARDWARE</b> 4. D - DOWN 5. L - LIMITED	
<b>TYPE/AVAILABILITY</b> 1. DEPOT 2. IMA 3. TECH ASSIST 4. SHIP'S FORCE 5. SPWL		<b>WHEN TO BE ACCOMPLISHED</b> 1. IMMEDIATELY 2. PRIOR TO NEXT UNDERWAY 3. <b>PIROR TO NEXT DEPLOYMENT</b> 4. DURING POST DEPLOYMENT AVAILABILITY		<b>STATUS</b> 1. OPERATIONAL 2. NON-OPERATIONAL 3. <b>REDUCED CAPABILITY</b> 0. NOT APPLICABLE	
<b>CAUSE</b> 1. ABNORMAL ENVIRONMENT 2. MANUFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE 4. COMMUNICATION PROBLEMS 5. INADEQUATE INSTRUCTION/PROCEDURE 6. INADEQUATE DESIGN 7. <b>NORMAL WEAR AND TEAR</b> 0. NOT APPLICABLE		<b>DEFERRAL REASON</b> 1. S/F BACKLOG/OPERATIONAL PRIORITY 2. LACK OF MATERIAL 3. NO FORMAL TRAINING ON THIS EQUIPMENT 4. FORMAL TRAINING INADEQUATE IN THIS EQUIPMENT 5. INADEQUATE SCHOOL PRACTICAL TRAINING 6. LACK OF FACILITIES/CAPABILITIES 7. NOT AUTHORIZED FOR S/F ACCOMPLISHMENT 8. FOR S/F OVERHAUL OR AVAILABILITY WORK LIST 9. LACK OF TECHNICAL DOCUMENTATION 0. OTHER OR NOT APPLICABLE		<b>EOC</b> . 6	
<b>MAN HRS EXPENDED</b> 01		<b>MAN HRS REMAINING</b>		<b>COMPLETED ACTION TAKEN</b>	
<b>SAFETY HAZARD:</b> 1. SERIOUS - CORRECT AS SOON AS POSSIBLE 2. SERIOUS - SUSPENSION OF EQUIPMENT/SYSTEM/SPACE REQUIRED 3. SERIOUS - WAIVER OF EQUIPMENT/SYSTEM 4. SAFETY ITEM - MINOR 5. COMBUSTIBLE MATERIAL		1. MAINTENANCE ACTION COMPLETED: PARTS DRAWN FROM SUPPLY 2. MAINTENANCE ACTION COMPLETED: REQUIRED PARTS NOT DRAWN FROM SUPPLY 3. MAINTENANCE ACTION COMPLETED: NO PARTS REQUIRED 4. CANCELLED - DEFERRAL WILL BE REMOVED FROM CSMP 7. MAINTENANCE ACTION COMPLETED: 3-M CAPABILITY UTILIZED 0. NONE OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION		<b>S/F MANHOURS</b> 3	
<b>PRIORITY</b> 1. MANDATORY 2. ESSENTIAL 3. <b>HIGHLY DESIRABLE</b> 4. DESIRABLE					
<b>DISCREPANCY DESCRIPTION:</b> AS PER SEMAT II INSPECTION AT: ACCESS TRUNK 6-98-3-T UNDERWATER SHELL & SUPPORT ASSESSMENT: PAINT SYSTEM DETERIORATED DUE TO LEAKING SHAFT SEAL, RESULTING IN AN EXCESSIVE AMOUNT OF SEA WATER TO ACCUMULATE/FLOOD AND CORRODE BILGE.					
STILL PICTURE NOS: 037, 038, 039                      STILL PICTURE JSN NOS:					
<b>RECOMMENDED REPAIRS:</b> GAS FREE, & CERT SAFE FOR HOT WORK BILGE POCKET, PREP, PRIME & PAINT ENTIRE BILGE POCKET FR 98-100. REFER TO ATTACHED PHOTOS. PREP AND PRESERVE IAW STD ITM 009-32 (NSTM-631). FTSCLANT TO MAKE FINAL RISK ASSESSMENT AND REPAIR RECOMMENDATION.					
<b>SSPORT C221 POC: B. WILLIAMS (757) 396-4001 EXT 2166, TPOC: M.GUAY(MSC)(757)494-9025/B. CAIN(MSC)1-888-825-6881</b>					
<b>CSMP SUMMARY:</b> 6-98-3-T, SHAFT ALLEY PAINT SYS PRESERVATION				<b>TEST #</b> 1102/1	
<b>ROOT CAUSE/AMPLIFICATION</b> I				<b>STEP #</b>	
<b>SYSTEM LEVEL IMPACT</b>					
PART NO.		NOMENCLATURE		QTY	NSN
1					
FIRST CONTACT CAMPBELL		RATE EN3	SECOND CONTACT GIBSON	RATE ENS	PHONE
WEB SITE: WWW.SPEAR.NAVY.MIL/SHOT/UT/SHELLCON.HTM					
PLANS, TECH MANUALS ETC: DWG NO NAVSEA 111-6100107					
ASSESSOR / ACT / TECH ID# SUPSHIP PORTSMOUTH B.WILLIAMS SPORT G. BAUER/H. SHOATS-(MSC) (757) 396-4001 X 2166		TD	TL	LOGISTICIAN	TSP

## USS TORTUGA LSD-46

USS TORTUGA (LSD-46) ACCESS TRUNK 6-98-3-T, JSN NO: A071  
BILGE POCKET IN NEED OF PRESERVATION FR 98-100.



PHOTO 037

BILGE POCKET IN NEED OF PRESERVATION FR 98-100.



PHOTO 038



## USS TORTUGA LSD-46

ACCESS TRUNK 6-98-3-T, JSN NO: A071

BILGE POCKET IN NEED OF PRESERVATION FR 98-100.



PHOTO 039

**USS TORTUGA LSD 46**  
**STRUCTURAL ASSESSMENT MATRIX**

SPACE NUMBER	SPACE ASSESSABLE	LAGGING ON BHD/SHELL	SPACE INSPECTED DURING SEMAT	HISTORICAL HOT SPOTS	COMMENTS
3-10-0-A	Y	Y	Y		
3-10-4-M	Y	Y	Y		
3-14-1-K	Y	Y	Y		
3-14-4-A	Y	Y	Y		
3-16-1-A	Y	Y	Y		
3-27-2-M	Y	Y	Y		
3-29-0-E	Y	Y	Y		
3-33-1-Q	Y	Y	Y		
3-43-1-Q	Y	Y	Y		
3-52-2-A	Y	Y	Y		
3-59-2-A	Y	Y	Y		
3-70-3-E	Y	Y	Y		
3-74-1-E	Y	Y	Y		
3-77-2-A	Y	Y	Y		
3-81-1-A	Y	Y	Y		
3-138-1-Q	Y	N	Y		
3-138-2-Q	Y	N	Y		
4-14-2-K	Y	Y	Y		
5-43-0-E	Y	Y	Y		
5-43-1-E	Y	Y	Y		
5-52-0-E	Y	Y	Y		
5-65-2-E	Y	Y	Y		
5-67-1-Q	Y	Y	Y		
5-74-0-E	Y	Y	Y		
5-87-1-E	Y	Y	Y		
5-89-01-E	Y	Y	Y		
5-95-2-E	Y	Y	Y		
6-98-1-Q	Y	Y	Y		
6-98-2-Q	Y	Y	Y		

**USS TORTUGA LSD-46**  
**APRIL 8-19, 2002**  
**MOISTURE REPORT**

ALL MOISTURE READINGS TAKEN THROUGH SHELL PLATE INSULATION INDICATED WITHIN TOLERANCE CONDITIONS WITH THE EXCEPTION OF THE SEWAGE INJECTION ROOM NO. 1 AND NO. 2 ( 3-107-1-Q / 3-107-2-Q) WHICH HAD INSULATION SATURATED WITH WATER.

THE HIGH MOISURE CONTENT OF THE INSULATION IN THESE SPACES ARE CURRENTLY UNDER REVIEW.

# USS TORTUGA LSD-46

## MATERIAL CONDITION ASSESSMENT

### HULL STRUCTURE

APL                      COMPARTMENT                      RIN    WORK CENTER    JSN  
\_X-SYSTEM ITEM\_    \_ 3-10-0-A                      N/L                      \_SS01                      \_\_\_\_\_

DATE ASSESSMENT COMPLETED: \_ 4/8/02 \_

LIST PROCEDURES USED: \_SEMAT SHELL & SUPPORTING STRUCTURE  
MRC 1102. \_\_\_\_\_

OPERATIONAL CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ (2KILO REQ)

REASON NOT COMPLETED: N/A \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COLD CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ ( 2KILO REQ.)

REASON NOT COMPLETED: \_N/A \_\_\_\_\_  
\_\_\_\_\_

EQUIPMENT CONDITION (CHOOSE ONE):

OPERATIONAL    NON-OPERATIONAL    REDUCED    ASSESSMENT NOT  
CAPABILITY    COMPLETE (2K-REQ)

JCNs FOR MAFS/2KILOs TURNED IN FOR YOUR SYSTEM  
WILL AUTOMATICALLY BE REFERENCED IN THIS MCA  
USE THIS SPACE FOR OTHER COMMENTS OR NOTES NOT ADDRESSED  
ON A MAF/2KILO

CREW BAGGAGE STOREROOM (3-10-0-A) CONDUCTED UNDERWATER SHELL  
AND SUPPORT STRUCTURE ASSESSMENT, CONDITION WAS SAT, NO WORK  
REQUIRED.

TECH: \_BAUER/SOATS(MSC) SUPERVISOR: \_ B.WILLIAMS    CODE:220 \_

PHONE (DSN ): \_961-4001\_\_\_\_\_ COMMERCIAL: \_(757) 396-4001\_

NAME OF PERSONS TRAINED:                      TOTAL NUMBER OF  
TRAINING HOURS  
\_\_\_\_\_  
\_\_\_\_\_

# USS TORTUGA LSD-46

## MATERIAL CONDITION ASSESSMENT

### HULL STRUCTURE

APL                      COMPARTMENT                      RIN    WORK CENTER    JSN  
\_X-SYSTEM ITEM\_    \_ 3-10-2-L                      N/L       SS01                      \_\_\_\_\_

DATE ASSESSMENT COMPLETED: \_ 4/8/02 \_

LIST PROCEDURES USED: \_SEMAT SHELL & SUPPORTING STRUCTURE  
MRC 1102. \_\_\_\_\_

OPERATIONAL CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ (2KILO REQ)

REASON NOT COMPLETED: N/A \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COLD CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ ( 2KILO REQ.)

REASON NOT COMPLETED: \_N/A \_\_\_\_\_  
\_\_\_\_\_

EQUIPMENT CONDITION (CHOOSE ONE):

OPERATIONAL    NON-OPERATIONAL    REDUCED    ASSESSMENT NOT  
CAPABILITY    COMPLETE (2K-REQ)

JCNs FOR MAFS/2KILOs TURNED IN FOR YOUR SYSTEM  
WILL AUTOMATICALLY BE REFERENCED IN THIS MCA  
USE THIS SPACE FOR OTHER COMMENTS OR NOTES NOT ADDRESSED  
ON A MAF/2KILO

PASSAGEWAY (3-10-2-L) CONDUCTED UNDERWATER SHELL  
AND SUPPORT STRUCTURE ASSESSMENT, CONDITION WAS SAT, NO WORK  
REQUIRED.

TECH: \_BAUER/SOATS(MSC) SUPERVISOR: \_ B.WILLIAMS    CODE:220 \_

PHONE (DSN ): \_961-4001\_\_\_\_\_ COMMERCIAL: \_(757) 396-4001\_

NAME OF PERSONS TRAINED:                      TOTAL NUMBER OF  
TRAINING HOURS

# USS TORTUGA LSD-46

## MATERIAL CONDITION ASSESSMENT

### HULL STRUCTURE

APL                      COMPARTMENT                      RIN    WORK CENTER    JSN  
\_X-SYSTEM ITEM\_    \_ 3-10-4-M                      N/L    OW03\_                      \_\_\_\_\_

DATE ASSESSMENT COMPLETED: \_ 4/8/02 \_

LIST PROCEDURES USED: \_SEMAT SHELL & SUPPORTING STRUCTURE  
MRC 1102. \_\_\_\_\_

OPERATIONAL CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ (2KILO REQ)

REASON NOT COMPLETED: N/A \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COLD CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ ( 2KILO REQ.)

REASON NOT COMPLETED: \_N/A \_\_\_\_\_  
\_\_\_\_\_

EQUIPMENT CONDITION (CHOOSE ONE):

OPERATIONAL    NON-OPERATIONAL    REDUCED    ASSESSMENT NOT  
CAPABILITY    COMPLETE (2K-REQ)

JCNs FOR MAFS/2KILOs TURNED IN FOR YOUR SYSTEM  
WILL AUTOMATICALLY BE REFERENCED IN THIS MCA  
USE THIS SPACE FOR OTHER COMMENTS OR NOTES NOT ADDRESSED  
ON A MAF/2KILO

SMALL ARMS MAGAZINE(3-10-4-M) CONDUCTED UNDERWATER SHELL  
AND SUPPORT STRUCTURE ASSESSMENT, CONDITION WAS SAT, NO WORK  
REQUIRED.

TECH: \_BAUER/SOATS(MSC) SUPERVISOR: \_B.WILLIAMS CODE:220

PHONE (DSN ): \_961-4001\_\_\_\_\_ COMMERCIAL: \_(757) 396-4001\_

NAME OF PERSONS TRAINED:                      TOTAL NUMBER OF  
TRAINING HOURS  
\_\_\_\_\_  
\_\_\_\_\_



# USS TORTUGA LSD-46

## MATERIAL CONDITION ASSESSMENT

### HULL STRUCTURE

APL                      COMPARTMENT                      RIN    WORK CENTER    JSN  
\_X-SYSTEM ITEM\_    \_ 3-14-1-K                      N/L    \_SS01                      \_\_\_\_\_

DATE ASSESSMENT COMPLETED: \_ 4/8/02 \_

LIST PROCEDURES USED: \_SEMAT SHELL & SUPPORTING STRUCTURE  
MRC 1102. \_\_\_\_\_

OPERATIONAL CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ (2KILO REQ)

REASON NOT COMPLETED: N/A \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COLD CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ ( 2KILO REQ.)

REASON NOT COMPLETED: \_N/A \_\_\_\_\_  
\_\_\_\_\_

EQUIPMENT CONDITION (CHOOSE ONE):

OPERATIONAL    NON-OPERATIONAL    REDUCED    ASSESSMENT NOT  
CAPABILITY    COMPLETE (2K-REQ)

JCNs FOR MAFS/2KILOs TURNED IN FOR YOUR SYSTEM  
WILL AUTOMATICALLY BE REFERENCED IN THIS MCA  
USE THIS SPACE FOR OTHER COMMENTS OR NOTES NOT ADDRESSED  
ON A MAF/2KILO

SD STRM (FLAT MAT'L) # 1(3-14-1-K) CONDUCTED UNDERWATER SHELL AND  
SUPPORT STRUCTURE ASSESSMENT, CONDITION WAS SAT, NO WORK  
REQUIRED.

TECH: \_BAUER/SOATS(MSC) SUPERVISOR: \_B.WILLIAMS CODE:220

PHONE (DSN ): \_961-4001\_\_\_\_\_ COMMERCIAL: \_(757) 396-4001\_

NAME OF PERSONS TRAINED:                      TOTAL NUMBER OF  
TRAINING HOURS

# USS TORTUGA LSD-46

## MATERIAL CONDITION ASSESSMENT

### HULL STRUCTURE

APL                      COMPARTMENT                      RIN    WORK CENTER    JSN  
\_X-SYSTEM ITEM\_    \_ 3-14-2-L                      N/L    \_SS01                      \_\_\_\_\_

DATE ASSESSMENT COMPLETED: \_ 4/8/02 \_

LIST PROCEDURES USED: \_SEMAT SHELL & SUPPORTING STRUCTURE  
MRC 1102. \_\_\_\_\_

OPERATIONAL CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ (2KILO REQ)

REASON NOT COMPLETED: N/A \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COLD CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ ( 2KILO REQ.)

REASON NOT COMPLETED: \_N/A \_\_\_\_\_  
\_\_\_\_\_

EQUIPMENT CONDITION (CHOOSE ONE):

OPERATIONAL    NON-OPERATIONAL    REDUCED    ASSESSMENT NOT  
CAPABILITY    COMPLETE (2K-REQ)

JCNs FOR MAFS/2KILOs TURNED IN FOR YOUR SYSTEM  
WILL AUTOMATICALLY BE REFERENCED IN THIS MCA  
USE THIS SPACE FOR OTHER COMMENTS OR NOTES NOT ADDRESSED  
ON A MAF/2KILO

PASSAGEWAY(3-14-2-L) CONDUCTED UNDERWATER SHELLAND SUPPORT  
STRUCTURE ASSESSMENT, CONDITION WAS SAT, NO WORK REQUIRED.  
\_\_\_\_\_  
\_\_\_\_\_

TECH: \_BAUER/SOATS(MSC) SUPERVISOR: \_B.WILLIAMS CODE:220  
\_\_\_\_\_

PHONE (DSN ): \_961-4001 \_\_\_\_\_ COMMERCIAL: \_(757) 396-4001 \_

NAME OF PERSONS TRAINED:                      TOTAL NUMBER OF  
TRAINING HOURS  
\_\_\_\_\_  
\_\_\_\_\_

# USS TORTUGA LSD-46

## MATERIAL CONDITION ASSESSMENT

### HULL STRUCTURE

APL                      COMPARTMENT                      RIN    WORK CENTER    JSN  
\_X-SYSTEM ITEM\_    \_ 3-14-4-A                      N/L    \_SS01                      \_\_\_\_\_

DATE ASSESSMENT COMPLETED: \_ 4/8/02 \_

LIST PROCEDURES USED: \_SEMAT SHELL & SUPPORTING STRUCTURE  
MRC 1102. \_\_\_\_\_

OPERATIONAL CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ (2KILO REQ)

REASON NOT COMPLETED: N/A \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COLD CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ ( 2KILO REQ.)

REASON NOT COMPLETED: \_N/A \_\_\_\_\_  
\_\_\_\_\_

EQUIPMENT CONDITION (CHOOSE ONE):

OPERATIONAL    NON-OPERATIONAL    REDUCED    ASSESSMENT NOT  
CAPABILITY    COMPLETE (2K-REQ)

JCNs FOR MAFS/2KILOs TURNED IN FOR YOUR SYSTEM  
WILL AUTOMATICALLY BE REFERENCED IN THIS MCA  
USE THIS SPACE FOR OTHER COMMENTS OR NOTES NOT ADDRESSED  
ON A MAF/2KILO

SD STRM (BULK) NO 1(3-14-4-A) CONDUCTED UNDERWATER SHELLAND  
SUPPORT STRUCTURE ASSESSMENT, CONDITION WAS SAT, NO WORK  
REQUIRED.

TECH: \_BAUER/SOATS(MSC) SUPERVISOR: \_B.WILLIAMS CODE:220

PHONE (DSN ): \_961-4001\_\_\_\_\_ COMMERCIAL: \_(757) 396-4001\_

NAME OF PERSONS TRAINED:                      TOTAL NUMBER OF  
TRAINING HOURS

# USS TORTUGA LSD-46

## MATERIAL CONDITION ASSESSMENT

### HULL STRUCTURE

APL                      COMPARTMENT                      RIN    WORK CENTER    JSN  
\_X-SYSTEM ITEM\_    \_ 3-16-1-A                      N/L    \_SS01                      \_\_\_\_\_

DATE ASSESSMENT COMPLETED: \_ 4/8/02 \_

LIST PROCEDURES USED: \_SEMAT SHELL & SUPPORTING STRUCTURE  
MRC 1102. \_\_\_\_\_

OPERATIONAL CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ (2KILO REQ)

REASON NOT COMPLETED: N/A \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COLD CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ ( 2KILO REQ.)

REASON NOT COMPLETED: \_N/A \_\_\_\_\_  
\_\_\_\_\_

EQUIPMENT CONDITION (CHOOSE ONE):

OPERATIONAL    NON-OPERATIONAL    REDUCED    ASSESSMENT NOT  
CAPABILITY    COMPLETE (2K-REQ)

JCNs FOR MAFS/2KILOs TURNED IN FOR YOUR SYSTEM  
WILL AUTOMATICALLY BE REFERENCED IN THIS MCA  
USE THIS SPACE FOR OTHER COMMENTS OR NOTES NOT ADDRESSED  
ON A MAF/2KILO

SD STRM (BULK) NO 2(3-16-1-A) CONDUCTED UNDERWATER SHELLAND  
SUPPORT STRUCTURE ASSESSMENT, CONDITION WAS SAT, NO WORK  
REQUIRED.

TECH: \_BAUER/SOATS(MSC) SUPERVISOR: \_B.WILLIAMS CODE:220

PHONE (DSN ): \_961-4001\_\_\_\_\_ COMMERCIAL: \_(757) 396-4001\_

NAME OF PERSONS TRAINED:                      TOTAL NUMBER OF  
TRAINING HOURS

# USS TORTUGA LSD-46

## MATERIAL CONDITION ASSESSMENT

### HULL STRUCTURE

APL COMPARTMENT RIN WORK CENTER JSN  
\_X-SYSTEM ITEM\_ \_ 3-18-2-L N/L \_SS01 \_\_\_\_\_

DATE ASSESSMENT COMPLETED: \_4/8/02\_

LIST PROCEDURES USED: \_SEMAT SHELL & SUPPORTING STRUCTURE  
MRC 1102. \_\_\_\_\_

OPERATIONAL CHECKS COMPLETED: YES\_\_\_\_NO\_\_\_\_ (2KILO REQ)

REASON NOT COMPLETED: N/A \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COLD CHECKS COMPLETED: YES\_\_\_\_NO\_\_\_\_ (2KILO REQ.)

REASON NOT COMPLETED: \_N/A \_\_\_\_\_  
\_\_\_\_\_

EQUIPMENT CONDITION (CHOOSE ONE):

OPERATIONAL NON-OPERATIONAL REDUCED ASSESSMENT NOT  
CAPABILITY COMPLETE (2K-REQ)

JCNs FOR MAFS/2KILOs TURNED IN FOR YOUR SYSTEM  
WILL AUTOMATICALLY BE REFERENCED IN THIS MCA  
USE THIS SPACE FOR OTHER COMMENTS OR NOTES NOT ADDRESSED  
ON A MAF/2KILO

PASSAGEWAY (3-18-2-L) CONDUCTED UNDERWATER SHELL AND SUPPORT  
STRUCTURE ASSESSMENT, CONDITION WAS SAT, NO WORK REQUIRED.

TECH: \_BAUER/SOATS(MSC) SUPERVISOR: \_B.WILLIAMS CODE:220

PHONE (DSN ): \_961-4001\_\_\_\_\_ COMMERCIAL: \_(757) 396-4001\_

NAME OF PERSONS TRAINED: TOTAL NUMBER OF  
TRAINING HOURS

# USS TORTUGA LSD-46

## MATERIAL CONDITION ASSESSMENT

### HULL STRUCTURE

APL COMPARTMENT RIN WORK CENTER JSN  
\_X-SYSTEM ITEM\_ \_ 3-19-2-K N/L \_ER01 \_\_\_\_\_

DATE ASSESSMENT COMPLETED: \_4/8/02\_

LIST PROCEDURES USED: \_SEMAT SHELL & SUPPORTING STRUCTURE  
MRC 1102. \_\_\_\_\_

OPERATIONAL CHECKS COMPLETED: YES\_\_\_\_NO\_\_\_\_ (2KILO REQ)

REASON NOT COMPLETED: N/A \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COLD CHECKS COMPLETED: YES\_\_\_\_NO\_\_\_\_ (2KILO REQ.)

REASON NOT COMPLETED: \_N/A \_\_\_\_\_  
\_\_\_\_\_

EQUIPMENT CONDITION (CHOOSE ONE):

OPERATIONAL NON-OPERATIONAL REDUCED ASSESSMENT NOT  
CAPABILITY COMPLETE (2K-REQ)

JCNs FOR MAFS/2KILOs TURNED IN FOR YOUR SYSTEM  
WILL AUTOMATICALLY BE REFERENCED IN THIS MCA  
USE THIS SPACE FOR OTHER COMMENTS OR NOTES NOT ADDRESSED  
ON A MAF/2KILO

AFFF STOREROOM (3-19-2-K) CONDUCTED UNDERWATER SHELL AND  
SUPPORT STRUCTURE ASSESSMENT, CONDITION WAS SAT, NO WORK  
REQUIRED.

TECH: \_BAUER/SOATS(MSC) SUPERVISOR: \_B.WILLIAMS CODE:220

PHONE (DSN ): \_961-4001\_\_\_\_\_ COMMERCIAL: \_(757) 396-4001\_

NAME OF PERSONS TRAINED: TOTAL NUMBER OF  
TRAINING HOURS

# USS TORTUGA LSD-46

## MATERIAL CONDITION ASSESSMENT

### HULL STRUCTURE

APL COMPARTMENT RIN WORK CENTER JSN  
\_X-SYSTEM ITEM\_ \_ 3-25-1-L N/L \_OW03 \_\_\_\_\_

DATE ASSESSMENT COMPLETED: \_4/8/02\_

LIST PROCEDURES USED: \_SEMAT SHELL & SUPPORTING STRUCTURE  
MRC 1102. \_\_\_\_\_

OPERATIONAL CHECKS COMPLETED: YES\_\_\_\_NO\_\_\_\_ (2KILO REQ)

REASON NOT COMPLETED: N/A \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COLD CHECKS COMPLETED: YES\_\_\_\_NO\_\_\_\_ (2KILO REQ.)

REASON NOT COMPLETED: \_N/A \_\_\_\_\_  
\_\_\_\_\_

EQUIPMENT CONDITION (CHOOSE ONE):

OPERATIONAL NON-OPERATIONAL REDUCED ASSESSMENT NOT  
CAPABILITY COMPLETE (2K-REQ)

JCNs FOR MAFS/2KILOs TURNED IN FOR YOUR SYSTEM  
WILL AUTOMATICALLY BE REFERENCED IN THIS MCA  
USE THIS SPACE FOR OTHER COMMENTS OR NOTES NOT ADDRESSED  
ON A MAF/2KILO

PASAGEWAY(3-25-1-L) CONDUCTED UNDERWATER SHELL AND SUPPORT  
STRUCTURE ASSESSMENT, CONDITION WAS SAT, NO WORK REQUIRED.

TECH: \_BAUER/SOATS(MSC) SUPERVISOR: \_B.WILLIAMS CODE:220

PHONE (DSN ): \_961-4001\_\_\_\_\_ COMMERCIAL: \_(757) 396-4001\_

NAME OF PERSONS TRAINED: TOTAL NUMBER OF  
TRAINING HOURS

# USS TORTUGA LSD-46

## MATERIAL CONDITION ASSESSMENT

### HULL STRUCTURE

APL                      COMPARTMENT                      RIN    WORK CENTER    JSN  
\_X-SYSTEM ITEM\_    \_ 3-27-2-M                      N/L    \_OW03                      \_\_\_\_\_

DATE ASSESSMENT COMPLETED: \_ 4/8/02 \_

LIST PROCEDURES USED: \_SEMAT SHELL & SUPPORTING STRUCTURE  
MRC 1102. \_\_\_\_\_

OPERATIONAL CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ (2KILO REQ)

REASON NOT COMPLETED: N/A \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COLD CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ ( 2KILO REQ.)

REASON NOT COMPLETED: \_N/A \_\_\_\_\_  
\_\_\_\_\_

EQUIPMENT CONDITION (CHOOSE ONE):

OPERATIONAL    NON-OPERATIONAL    REDUCED    ASSESSMENT NOT  
CAPABILITY    COMPLETE (2K-REQ)

JCNs FOR MAFS/2KILOs TURNED IN FOR YOUR SYSTEM  
WILL AUTOMATICALLY BE REFERENCED IN THIS MCA  
USE THIS SPACE FOR OTHER COMMENTS OR NOTES NOT ADDRESSED  
ON A MAF/2KILO

TROOP DEMOLITION MAG (3-27-2-M) CONDUCTED UNDERWATER SHELL AND  
SUPPORT STRUCTURE ASSESSMENT, CONDITION WAS SAT, NO WORK  
REQUIRED.

TECH: \_BAUER/SOATS(MSC) SUPERVISOR: \_B.WILLIAMS CODE:220

PHONE (DSN ): \_961-4001\_\_\_\_\_ COMMERCIAL: \_(757) 396-4001\_

NAME OF PERSONS TRAINED:                      TOTAL NUMBER OF  
TRAINING HOURS



# USS TORTUGA LSD-46

## MATERIAL CONDITION ASSESSMENT

### HULL STRUCTURE

APL                      COMPARTMENT                      RIN    WORK CENTER    JSN  
\_X-SYSTEM ITEM\_    \_ 3-29-0-E                      N/L    \_EA01                      \_\_\_\_\_

DATE ASSESSMENT COMPLETED: \_ 4/9/02 \_

LIST PROCEDURES USED: \_SEMAT SHELL & SUPPORTING STRUCTURE  
MRC 1102. \_\_\_\_\_

OPERATIONAL CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ (2KILO REQ)

REASON NOT COMPLETED: N/A \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COLD CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ ( 2KILO REQ.)

REASON NOT COMPLETED: \_N/A \_\_\_\_\_  
\_\_\_\_\_

EQUIPMENT CONDITION (CHOOSE ONE):

OPERATIONAL    NON-OPERATIONAL    REDUCED    ASSESSMENT NOT  
CAPABILITY    COMPLETE (2K-REQ)

JCNs FOR MAFS/2KILOs TURNED IN FOR YOUR SYSTEM  
WILL AUTOMATICALLY BE REFERENCED IN THIS MCA  
USE THIS SPACE FOR OTHER COMMENTS OR NOTES NOT ADDRESSED  
ON A MAF/2KILO

AIR COND MACHINERY NO1 (3-29-0-E) CONDUCTED UNDERWATER SHELL AND  
SUPPORT STRUCTURE ASSESSMENT, CONDITION WAS SAT, NO WORK  
REQUIRED.

TECH: \_BAUER/SOATS(MSC) SUPERVISOR: \_B.WILLIAMS CODE:220

PHONE (DSN ): \_961-4001\_\_\_\_\_ COMMERCIAL: \_(757) 396-4001\_

NAME OF PERSONS TRAINED:                      TOTAL NUMBER OF  
TRAINING HOURS

# USS TORTUGA LSD-46

## MATERIAL CONDITION ASSESSMENT

### HULL STRUCTURE

APL COMPARTMENT RIN WORK CENTER JSN  
\_X-SYSTEM ITEM\_ \_ 3-31-1-L N/L \_EA01 \_\_\_\_\_

DATE ASSESSMENT COMPLETED: \_4/9/02\_

LIST PROCEDURES USED: \_SEMAT SHELL & SUPPORTING STRUCTURE  
MRC 1102. \_\_\_\_\_

OPERATIONAL CHECKS COMPLETED: YES\_\_\_\_NO\_\_\_\_ (2KILO REQ)

REASON NOT COMPLETED: N/A \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COLD CHECKS COMPLETED: YES\_\_\_\_NO\_\_\_\_ (2KILO REQ.)

REASON NOT COMPLETED: \_N/A \_\_\_\_\_  
\_\_\_\_\_

EQUIPMENT CONDITION (CHOOSE ONE):

OPERATIONAL NON-OPERATIONAL REDUCED ASSESSMENT NOT  
CAPABILITY COMPLETE (2K-REQ)

JCNs FOR MAFS/2KILOs TURNED IN FOR YOUR SYSTEM  
WILL AUTOMATICALLY BE REFERENCED IN THIS MCA  
USE THIS SPACE FOR OTHER COMMENTS OR NOTES NOT ADDRESSED  
ON A MAF/2KILO

PASSAGEWAY (3-31-1-L) CONDUCTED UNDERWATER SHELL AND SUPPORT  
STRUCTURE ASSESSMENT, CONDITION WAS SAT, NO WORK REQUIRED.

TECH: \_BAUER/SOATS(MSC) SUPERVISOR: \_B.WILLIAMS CODE:220

PHONE (DSN ): \_961-4001\_\_\_\_\_ COMMERCIAL: \_(757) 396-4001\_

NAME OF PERSONS TRAINED: TOTAL NUMBER OF  
TRAINING HOURS

# USS TORTUGA LSD-46

## MATERIAL CONDITION ASSESSMENT

### HULL STRUCTURE

APL COMPARTMENT RIN WORK CENTER JSN  
\_X-SYSTEM ITEM\_ \_ 3-33-1-Q N/L \_EA01 \_\_\_\_\_

DATE ASSESSMENT COMPLETED: \_4/9/02\_

LIST PROCEDURES USED: \_SEMAT SHELL & SUPPORTING STRUCTURE  
MRC 1102. \_\_\_\_\_

OPERATIONAL CHECKS COMPLETED: YES\_\_\_\_NO\_\_\_\_ (2KILO REQ)

REASON NOT COMPLETED: N/A \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COLD CHECKS COMPLETED: YES\_\_\_\_NO\_\_\_\_ (2KILO REQ.)

REASON NOT COMPLETED: \_N/A \_\_\_\_\_  
\_\_\_\_\_

EQUIPMENT CONDITION (CHOOSE ONE):

OPERATIONAL NON-OPERATIONAL REDUCED ASSESSMENT NOT  
CAPABILITY COMPLETE (2K-REQ)

JCNs FOR MAFS/2KILOs TURNED IN FOR YOUR SYSTEM  
WILL AUTOMATICALLY BE REFERENCED IN THIS MCA  
USE THIS SPACE FOR OTHER COMMENTS OR NOTES NOT ADDRESSED  
ON A MAF/2KILO

UNASSIGNED (3-33-1-Q) CONDUCTED UNDERWATER SHELL AND SUPPORT  
STRUCTURE ASSESSMENT, CONDITION WAS SAT, NO WORK REQUIRED.

TECH: \_BAUER/SOATS(MSC) SUPERVISOR: \_B.WILLIAMS CODE:220

PHONE (DSN ): \_961-4001\_\_\_\_\_ COMMERCIAL: \_(757) 396-4001\_

NAME OF PERSONS TRAINED: TOTAL NUMBER OF  
TRAINING HOURS

# USS TORTUGA LSD-46

## MATERIAL CONDITION ASSESSMENT

### HULL STRUCTURE

APL COMPARTMENT RIN WORK CENTER JSN  
\_X-SYSTEM ITEM\_ \_ 3-43-1-Q N/L \_ER01 \_\_\_\_\_

DATE ASSESSMENT COMPLETED: \_4/9/02\_

LIST PROCEDURES USED: \_SEMAT SHELL & SUPPORTING STRUCTURE  
MRC 1102. \_\_\_\_\_

OPERATIONAL CHECKS COMPLETED: YES\_\_\_\_NO\_\_\_\_ (2KILO REQ)

REASON NOT COMPLETED: N/A \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COLD CHECKS COMPLETED: YES\_\_\_\_NO\_\_\_\_ (2KILO REQ.)

REASON NOT COMPLETED: \_N/A \_\_\_\_\_  
\_\_\_\_\_

EQUIPMENT CONDITION (CHOOSE ONE):

OPERATIONAL NON-OPERATIONAL REDUCED ASSESSMENT NOT  
CAPABILITY COMPLETE (2K-REQ)

JCNs FOR MAFS/2KILOs TURNED IN FOR YOUR SYSTEM  
WILL AUTOMATICALLY BE REFERENCED IN THIS MCA  
USE THIS SPACE FOR OTHER COMMENTS OR NOTES NOT ADDRESSED  
ON A MAF/2KILO

UNASSIGNED (3-43-1-Q) CONDUCTED UNDERWATER SHELL AND SUPPORT  
STRUCTURE ASSESSMENT, CONDITION WAS SAT, NO WORK REQUIRED.

TECH: \_BAUER/SOATS(MSC) SUPERVISOR: \_B.WILLIAMS CODE:220

PHONE (DSN ): \_961-4001\_\_\_\_\_ COMMERCIAL: \_(757) 396-4001\_

NAME OF PERSONS TRAINED: TOTAL NUMBER OF  
TRAINING HOURS

# USS TORTUGA LSD-46

## MATERIAL CONDITION ASSESSMENT

### HULL STRUCTURE

APL COMPARTMENT RIN WORK CENTER JSN  
\_X-SYSTEM ITEM\_ \_ 3-49-2-L N/L \_EM01 \_\_\_\_\_

DATE ASSESSMENT COMPLETED: \_4/9/02\_

LIST PROCEDURES USED: \_SEMAT SHELL & SUPPORTING STRUCTURE  
MRC 1102. \_\_\_\_\_

OPERATIONAL CHECKS COMPLETED: YES\_\_\_\_NO\_\_\_\_ (2KILO REQ)

REASON NOT COMPLETED: N/A \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COLD CHECKS COMPLETED: YES\_\_\_\_NO\_\_\_\_ (2KILO REQ.)

REASON NOT COMPLETED: \_N/A \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

EQUIPMENT CONDITION (CHOOSE ONE):

OPERATIONAL NON-OPERATIONAL REDUCED ASSESSMENT NOT  
CAPABILITY COMPLETE (2K-REQ)

JCNs FOR MAFS/2KILOs TURNED IN FOR YOUR SYSTEM  
WILL AUTOMATICALLY BE REFERENCED IN THIS MCA  
USE THIS SPACE FOR OTHER COMMENTS OR NOTES NOT ADDRESSED  
ON A MAF/2KILO

PASSAGEWAY (3-49-2-L) CONDUCTED UNDERWATER SHELL AND SUPPORT  
STRUCTURE ASSESSMENT, CONDITION WAS SAT, NO WORK REQUIRED.  
\_\_\_\_\_  
\_\_\_\_\_

TECH: \_BAUER/SOATS(MSC) SUPERVISOR: \_B.WILLIAMS CODE:220  
\_\_\_\_\_

PHONE (DSN ): \_961-4001\_\_\_\_\_ COMMERCIAL: \_(757) 396-4001\_

NAME OF PERSONS TRAINED: TOTAL NUMBER OF  
TRAINING HOURS  
\_\_\_\_\_  
\_\_\_\_\_

# USS TORTUGA LSD-46

## MATERIAL CONDITION ASSESSMENT

### HULL STRUCTURE

APL COMPARTMENT RIN WORK CENTER JSN  
\_X-SYSTEM ITEM\_ \_ 3-52-1-L N/L \_EM01 \_\_\_\_\_

DATE ASSESSMENT COMPLETED: \_4/9/02\_

LIST PROCEDURES USED: \_SEMAT SHELL & SUPPORTING STRUCTURE  
MRC 1102. \_\_\_\_\_

OPERATIONAL CHECKS COMPLETED: YES\_\_\_\_NO\_\_\_\_ (2KILO REQ)

REASON NOT COMPLETED: N/A \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COLD CHECKS COMPLETED: YES\_\_\_\_NO\_\_\_\_ (2KILO REQ.)

REASON NOT COMPLETED: \_N/A \_\_\_\_\_  
\_\_\_\_\_

EQUIPMENT CONDITION (CHOOSE ONE):

OPERATIONAL NON-OPERATIONAL REDUCED ASSESSMENT NOT  
CAPABILITY COMPLETE (2K-REQ)

JCNs FOR MAFS/2KILOs TURNED IN FOR YOUR SYSTEM  
WILL AUTOMATICALLY BE REFERENCED IN THIS MCA  
USE THIS SPACE FOR OTHER COMMENTS OR NOTES NOT ADDRESSED  
ON A MAF/2KILO

PASSAGEWAY (3-52-1-L) CONDUCTED UNDERWATER SHELL AND SUPPORT  
STRUCTURE ASSESSMENT, CONDITION WAS SAT, NO WORK REQUIRED.

TECH: \_BAUER/SOATS(MSC) SUPERVISOR: \_B.WILLIAMS CODE:220

PHONE (DSN ): \_961-4001\_\_\_\_\_ COMMERCIAL: \_(757) 396-4001\_

NAME OF PERSONS TRAINED: TOTAL NUMBER OF  
TRAINING HOURS

# USS TORTUGA LSD-46

## MATERIAL CONDITION ASSESSMENT

### HULL STRUCTURE

APL                      COMPARTMENT                      RIN    WORK CENTER    JSN  
\_X-SYSTEM ITEM\_    \_ 3-54-2-L                      N/L    \_ER01                      \_\_\_\_\_

DATE ASSESSMENT COMPLETED: \_ 4/9/02 \_

LIST PROCEDURES USED: \_SEMAT SHELL & SUPPORTING STRUCTURE  
MRC 1102. \_\_\_\_\_

OPERATIONAL CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ (2KILO REQ)

REASON NOT COMPLETED: N/A \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COLD CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ ( 2KILO REQ.)

REASON NOT COMPLETED: \_N/A \_\_\_\_\_  
\_\_\_\_\_

EQUIPMENT CONDITION (CHOOSE ONE):

OPERATIONAL    NON-OPERATIONAL    REDUCED    ASSESSMENT NOT  
CAPABILITY    COMPLETE (2K-REQ)

JCNs FOR MAFS/2KILOs TURNED IN FOR YOUR SYSTEM  
WILL AUTOMATICALLY BE REFERENCED IN THIS MCA  
USE THIS SPACE FOR OTHER COMMENTS OR NOTES NOT ADDRESSED  
ON A MAF/2KILO

PASSAGEWAY (3-52-2-A) CONDUCTED UNDERWATER SHELL AND SUPPORT  
STRUCTURE ASSESSMENT, CONDITION WAS SAT, NO WORK REQUIRED.

TECH: \_BAUER/SOATS(MSC) SUPERVISOR: \_B.WILLIAMS CODE:220

PHONE (DSN ): \_961-4001 \_\_\_\_\_ COMMERCIAL: \_(757) 396-4001 \_

NAME OF PERSONS TRAINED:                      TOTAL NUMBER OF  
TRAINING HOURS

# USS TORTUGA LSD-46

## MATERIAL CONDITION ASSESSMENT

### HULL STRUCTURE

APL COMPARTMENT RIN WORK CENTER JSN  
\_X-SYSTEM ITEM\_ \_ 3-59-2-A N/L \_SS01 \_\_\_\_\_

DATE ASSESSMENT COMPLETED: \_4/9/02\_

LIST PROCEDURES USED: \_SEMAT SHELL & SUPPORTING STRUCTURE  
MRC 1102. \_\_\_\_\_

OPERATIONAL CHECKS COMPLETED: YES\_\_\_\_NO\_\_\_\_ (2KILO REQ)

REASON NOT COMPLETED: N/A \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COLD CHECKS COMPLETED: YES\_\_\_\_NO\_\_\_\_ (2KILO REQ.)

REASON NOT COMPLETED: \_N/A \_\_\_\_\_  
\_\_\_\_\_

EQUIPMENT CONDITION (CHOOSE ONE):

OPERATIONAL NON-OPERATIONAL REDUCED ASSESSMENT NOT  
CAPABILITY COMPLETE (2K-REQ)

JCNs FOR MAFS/2KILOs TURNED IN FOR YOUR SYSTEM  
WILL AUTOMATICALLY BE REFERENCED IN THIS MCA  
USE THIS SPACE FOR OTHER COMMENTS OR NOTES NOT ADDRESSED  
ON A MAF/2KILO

SD STRM (BULK) NO 3 (3-59-2-A) CONDUCTED UNDERWATER SHELL AND  
SUPPORT STRUCTURE ASSESSMENT, CONDITION WAS SAT, NO WORK  
REQUIRED.

TECH: \_BAUER/SOATS(MSC) SUPERVISOR: \_B.WILLIAMS CODE:220

PHONE (DSN ): \_961-4001\_\_\_\_\_ COMMERCIAL: \_(757) 396-4001\_

NAME OF PERSONS TRAINED: TOTAL NUMBER OF  
TRAINING HOURS



# USS TORTUGA LSD-46

## MATERIAL CONDITION ASSESSMENT

### HULL STRUCTURE

APL COMPARTMENT RIN WORK CENTER JSN  
\_X-SYSTEM ITEM\_ \_ 3-64-2-L N/L \_NX01 \_\_\_\_\_

DATE ASSESSMENT COMPLETED: \_4/9/02\_

LIST PROCEDURES USED: \_SEMAT SHELL & SUPPORTING STRUCTURE  
MRC 1102. \_\_\_\_\_

OPERATIONAL CHECKS COMPLETED: YES\_\_\_\_NO\_\_\_\_ (2KILO REQ)

REASON NOT COMPLETED: N/A \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COLD CHECKS COMPLETED: YES\_\_\_\_NO\_\_\_\_ (2KILO REQ.)

REASON NOT COMPLETED: \_N/A \_\_\_\_\_  
\_\_\_\_\_

EQUIPMENT CONDITION (CHOOSE ONE):

OPERATIONAL NON-OPERATIONAL REDUCED ASSESSMENT NOT  
CAPABILITY COMPLETE (2K-REQ)

JCNs FOR MAFS/2KILOs TURNED IN FOR YOUR SYSTEM  
WILL AUTOMATICALLY BE REFERENCED IN THIS MCA  
USE THIS SPACE FOR OTHER COMMENTS OR NOTES NOT ADDRESSED  
ON A MAF/2KILO

PASSAGEWAY (3-64-2-L) CONDUCTED UNDERWATER SHELL AND SUPPORT  
STRUCTURE ASSESSMENT, CONDITION WAS SAT, NO WORK REQUIRED.  
\_\_\_\_\_  
\_\_\_\_\_

TECH: \_BAUER/SOATS(MSC) SUPERVISOR: \_B.WILLIAMS CODE:220  
\_\_\_\_\_

PHONE (DSN ): \_961-4001\_\_\_\_\_ COMMERCIAL: \_(757) 396-4001\_

NAME OF PERSONS TRAINED: TOTAL NUMBER OF  
TRAINING HOURS  
\_\_\_\_\_  
\_\_\_\_\_

# USS TORTUGA LSD-46

## MATERIAL CONDITION ASSESSMENT

### HULL STRUCTURE

APL                      COMPARTMENT                      RIN    WORK CENTER    JSN  
\_X-SYSTEM ITEM\_    \_ 3-67-2-L                      N/L    \_SS03                      \_\_\_\_\_

DATE ASSESSMENT COMPLETED: \_ 4/9/02 \_

LIST PROCEDURES USED: \_SEMAT SHELL & SUPPORTING STRUCTURE  
MRC 1102. \_\_\_\_\_

OPERATIONAL CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ (2KILO REQ)

REASON NOT COMPLETED: N/A \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COLD CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ ( 2KILO REQ.)

REASON NOT COMPLETED: \_N/A \_\_\_\_\_  
\_\_\_\_\_

EQUIPMENT CONDITION (CHOOSE ONE):

OPERATIONAL    NON-OPERATIONAL    REDUCED    ASSESSMENT NOT  
CAPABILITY    COMPLETE (2K-REQ)

JCNs FOR MAFS/2KILOs TURNED IN FOR YOUR SYSTEM  
WILL AUTOMATICALLY BE REFERENCED IN THIS MCA  
USE THIS SPACE FOR OTHER COMMENTS OR NOTES NOT ADDRESSED  
ON A MAF/2KILO

BARBER SHOP (3-67-2-L) CONDUCTED UNDERWATER SHELL AND SUPPORT  
STRUCTURE ASSESSMENT, CONDITION WAS SAT, NO WORK REQUIRED.

TECH: \_BAUER/SOATS(MSC) SUPERVISOR: \_B.WILLIAMS CODE:220

PHONE (DSN ): \_961-4001 \_\_\_\_\_ COMMERCIAL: \_(757) 396-4001 \_

NAME OF PERSONS TRAINED:                      TOTAL NUMBER OF  
TRAINING HOURS

# USS TORTUGA LSD-46

## MATERIAL CONDITION ASSESSMENT

### HULL STRUCTURE

APL                      COMPARTMENT                      RIN    WORK CENTER    JSN  
\_X-SYSTEM ITEM\_    \_ 3-70-1-L                      N/L    \_EE01                      \_\_\_\_\_

DATE ASSESSMENT COMPLETED: \_ 4/9/02 \_

LIST PROCEDURES USED: \_SEMAT SHELL & SUPPORTING STRUCTURE  
MRC 1102. \_\_\_\_\_

OPERATIONAL CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ (2KILO REQ)

REASON NOT COMPLETED: N/A \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COLD CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ ( 2KILO REQ.)

REASON NOT COMPLETED: \_N/A \_\_\_\_\_  
\_\_\_\_\_

EQUIPMENT CONDITION (CHOOSE ONE):

OPERATIONAL    NON-OPERATIONAL    REDUCED    ASSESSMENT NOT  
CAPABILITY    COMPLETE (2K-REQ)

JCNs FOR MAFS/2KILOs TURNED IN FOR YOUR SYSTEM  
WILL AUTOMATICALLY BE REFERENCED IN THIS MCA  
USE THIS SPACE FOR OTHER COMMENTS OR NOTES NOT ADDRESSED  
ON A MAF/2KILO

PASSAGEWAY (3-70-1-L) CONDUCTED UNDERWATER SHELL AND SUPPORT  
STRUCTURE ASSESSMENT, CONDITION WAS SAT, NO WORK REQUIRED.

TECH: \_BAUER/SOATS(MSC) SUPERVISOR: \_B.WILLIAMS CODE:220

PHONE (DSN ): \_961-4001 \_\_\_\_ COMMERCIAL: \_(757) 396-4001 \_

NAME OF PERSONS TRAINED:                      TOTAL NUMBER OF  
TRAINING HOURS

# USS TORTUGA LSD-46

## MATERIAL CONDITION ASSESSMENT

### HULL STRUCTURE

APL                      COMPARTMENT                      RIN    WORK CENTER    JSN  
\_X-SYSTEM ITEM\_    \_ 3-72-2-A                      N/L    \_SS03                      \_\_\_\_\_

DATE ASSESSMENT COMPLETED: \_ 4/9/02 \_

LIST PROCEDURES USED: \_SEMAT SHELL & SUPPORTING STRUCTURE  
MRC 1102. \_\_\_\_\_

OPERATIONAL CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ (2KILO REQ)

REASON NOT COMPLETED: N/A \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COLD CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ ( 2KILO REQ.)

REASON NOT COMPLETED: \_N/A \_\_\_\_\_  
\_\_\_\_\_

EQUIPMENT CONDITION (CHOOSE ONE):

OPERATIONAL    NON-OPERATIONAL    REDUCED    ASSESSMENT NOT  
CAPABILITY    COMPLETE (2K-REQ)

JCNs FOR MAFS/2KILOs TURNED IN FOR YOUR SYSTEM  
WILL AUTOMATICALLY BE REFERENCED IN THIS MCA  
USE THIS SPACE FOR OTHER COMMENTS OR NOTES NOT ADDRESSED  
ON A MAF/2KILO

ATHLETIC GEAR STOREROOM (3-72-2-A) CONDUCTED UNDERWATER SHELL  
AND SUPPORT STRUCTURE ASSESSMENT, CONDITION WAS SAT, NO WORK  
REQUIRED.  
\_\_\_\_\_  
\_\_\_\_\_

TECH: \_BAUER/SOATS(MSC) SUPERVISOR: \_B.WILLIAMS CODE:220  
\_\_\_\_\_

PHONE (DSN ): \_961-4001\_\_\_\_\_ COMMERCIAL: \_(757) 396-4001\_

NAME OF PERSONS TRAINED:                      TOTAL NUMBER OF  
TRAINING HOURS  
\_\_\_\_\_  
\_\_\_\_\_

# USS TORTUGA LSD-46

## MATERIAL CONDITION ASSESSMENT

### HULL STRUCTURE

APL COMPARTMENT RIN WORK CENTER JSN  
\_X-SYSTEM ITEM\_ \_ 3-72-4-L N/L \_EA01 \_\_\_\_\_

DATE ASSESSMENT COMPLETED: \_4/10/02\_

LIST PROCEDURES USED: \_SEMAT SHELL & SUPPORTING STRUCTURE  
MRC 1102. \_\_\_\_\_

OPERATIONAL CHECKS COMPLETED: YES\_\_\_\_NO\_\_\_\_ (2KILO REQ)

REASON NOT COMPLETED: N/A \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COLD CHECKS COMPLETED: YES\_\_\_\_NO\_\_\_\_ (2KILO REQ.)

REASON NOT COMPLETED: \_N/A \_\_\_\_\_  
\_\_\_\_\_

EQUIPMENT CONDITION (CHOOSE ONE):

OPERATIONAL NON-OPERATIONAL REDUCED ASSESSMENT NOT  
CAPABILITY COMPLETE (2K-REQ)

JCNs FOR MAFS/2KILOs TURNED IN FOR YOUR SYSTEM  
WILL AUTOMATICALLY BE REFERENCED IN THIS MCA  
USE THIS SPACE FOR OTHER COMMENTS OR NOTES NOT ADDRESSED  
ON A MAF/2KILO

PASSAGEWAY (3-72-4-L) CONDUCTED UNDERWATER SHELL AND SUPPORT  
STRUCTURE ASSESSMENT, CONDITION WAS SAT, NO WORK REQUIRED.  
\_\_\_\_\_  
\_\_\_\_\_

TECH: \_BAUER/SOATS(MSC) SUPERVISOR: \_B.WILLIAMS CODE:220  
\_\_\_\_\_

PHONE (DSN ): \_961-4001\_\_\_\_\_ COMMERCIAL: \_(757) 396-4001\_

NAME OF PERSONS TRAINED: TOTAL NUMBER OF  
TRAINING HOURS  
\_\_\_\_\_  
\_\_\_\_\_

# USS TORTUGA LSD-46

## MATERIAL CONDITION ASSESSMENT

### HULL STRUCTURE

APL COMPARTMENT RIN WORK CENTER JSN  
\_X-SYSTEM ITEM\_ \_ 3-75-2-L N/L \_EA01 \_\_\_\_\_

DATE ASSESSMENT COMPLETED: \_4/10/02\_

LIST PROCEDURES USED: \_SEMAT SHELL & SUPPORTING STRUCTURE  
MRC 1102. \_\_\_\_\_

OPERATIONAL CHECKS COMPLETED: YES\_\_\_\_NO\_\_\_\_ (2KILO REQ)

REASON NOT COMPLETED: N/A \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COLD CHECKS COMPLETED: YES\_\_\_\_NO\_\_\_\_ (2KILO REQ.)

REASON NOT COMPLETED: \_N/A \_\_\_\_\_  
\_\_\_\_\_

EQUIPMENT CONDITION (CHOOSE ONE):

OPERATIONAL NON-OPERATIONAL REDUCED ASSESSMENT NOT  
CAPABILITY COMPLETE (2K-REQ)

JCNs FOR MAFS/2KILOs TURNED IN FOR YOUR SYSTEM  
WILL AUTOMATICALLY BE REFERENCED IN THIS MCA  
USE THIS SPACE FOR OTHER COMMENTS OR NOTES NOT ADDRESSED  
ON A MAF/2KILO

PASSAGEWAY (3-75-2-L) CONDUCTED UNDERWATER SHELL AND SUPPORT  
STRUCTURE ASSESSMENT, CONDITION WAS SAT, NO WORK REQUIRED.  
\_\_\_\_\_  
\_\_\_\_\_

TECH: \_BAUER/SOATS(MSC) SUPERVISOR: \_B.WILLIAMS CODE:220  
\_\_\_\_\_

PHONE (DSN ): \_961-4001\_\_\_\_\_ COMMERCIAL: \_(757) 396-4001\_

NAME OF PERSONS TRAINED: TOTAL NUMBER OF  
TRAINING HOURS  
\_\_\_\_\_  
\_\_\_\_\_

# USS TORTUGA LSD-46

## MATERIAL CONDITION ASSESSMENT

### HULL STRUCTURE

APL                      COMPARTMENT                      RIN    WORK CENTER    JSN  
\_X-SYSTEM ITEM\_    \_ 3-77-2-A                      N/L    \_SS03                      \_\_\_\_\_

DATE ASSESSMENT COMPLETED: \_ 4/10/02 \_

LIST PROCEDURES USED: \_SEMAT SHELL & SUPPORTING STRUCTURE  
MRC 1102. \_\_\_\_\_

OPERATIONAL CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ (2KILO REQ)

REASON NOT COMPLETED: N/A \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COLD CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ ( 2KILO REQ.)

REASON NOT COMPLETED: \_N/A \_\_\_\_\_  
\_\_\_\_\_

EQUIPMENT CONDITION (CHOOSE ONE):

OPERATIONAL    NON-OPERATIONAL    REDUCED    ASSESSMENT NOT  
CAPABILITY    COMPLETE (2K-REQ)

JCNs FOR MAFS/2KILOs TURNED IN FOR YOUR SYSTEM  
WILL AUTOMATICALLY BE REFERENCED IN THIS MCA  
USE THIS SPACE FOR OTHER COMMENTS OR NOTES NOT ADDRESSED  
ON A MAF/2KILO

SPECIAL CLOTHING STRM (3-77-2-A) CONDUCTED UNDERWATER SHELL AND  
SUPPORT STRUCTURE ASSESSMENT, CONDITION WAS SAT, NO WORK  
REQUIRED.

TECH: \_BAUER/SOATS(MSC) SUPERVISOR: \_B.WILLIAMS CODE:220

PHONE (DSN ): \_961-4001\_\_\_\_\_ COMMERCIAL: \_(757) 396-4001\_

NAME OF PERSONS TRAINED:                      TOTAL NUMBER OF  
TRAINING HOURS

# USS TORTUGA LSD-46

## MATERIAL CONDITION ASSESSMENT

### HULL STRUCTURE

APL                      COMPARTMENT                      RIN    WORK CENTER    JSN  
\_X-SYSTEM ITEM\_    \_ 3-81-1-A                      N/L    \_SS03                      \_\_\_\_\_

DATE ASSESSMENT COMPLETED: \_\_ 4/10/02 \_\_

LIST PROCEDURES USED: \_SEMAT SHELL & SUPPORTING STRUCTURE  
MRC 1102. \_\_\_\_\_

OPERATIONAL CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ (2KILO REQ)

REASON NOT COMPLETED: N/A \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COLD CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ ( 2KILO REQ.)

REASON NOT COMPLETED: \_N/A \_\_\_\_\_  
\_\_\_\_\_

EQUIPMENT CONDITION (CHOOSE ONE):

OPERATIONAL    NON-OPERATIONAL    REDUCED    ASSESSMENT NOT  
CAPABILITY    COMPLETE (2K-REQ)

JCNs FOR MAFS/2KILOs TURNED IN FOR YOUR SYSTEM  
WILL AUTOMATICALLY BE REFERENCED IN THIS MCA  
USE THIS SPACE FOR OTHER COMMENTS OR NOTES NOT ADDRESSED  
ON A MAF/2KILO

SD STRM (BULK) NO 4 (3-81-1-A) CONDUCTED UNDERWATER SHELL AND  
SUPPORT STRUCTURE ASSESSMENT, CONDITION WAS SAT, NO WORK  
REQUIRED.

TECH: \_BAUER/SOATS(MSC) SUPERVISOR: \_B.WILLIAMS CODE:220

PHONE (DSN ): \_961-4001\_\_\_\_ COMMERCIAL: \_(757) 396-4001\_

NAME OF PERSONS TRAINED:                      TOTAL NUMBER OF  
TRAINING HOURS



# USS TORTUGA LSD-46

## MATERIAL CONDITION ASSESSMENT

### HULL STRUCTURE

APL COMPARTMENT RIN WORK CENTER JSN  
\_X-SYSTEM ITEM\_ \_ 3-81-3-L N/L \_SS03 \_\_\_\_\_

DATE ASSESSMENT COMPLETED: \_4/10/02\_

LIST PROCEDURES USED: \_SEMAT SHELL & SUPPORTING STRUCTURE  
MRC 1102. \_\_\_\_\_

OPERATIONAL CHECKS COMPLETED: YES\_\_\_\_NO\_\_\_\_ (2KILO REQ)

REASON NOT COMPLETED: N/A \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COLD CHECKS COMPLETED: YES\_\_\_\_NO\_\_\_\_ (2KILO REQ.)

REASON NOT COMPLETED: \_N/A \_\_\_\_\_  
\_\_\_\_\_

EQUIPMENT CONDITION (CHOOSE ONE):

OPERATIONAL NON-OPERATIONAL REDUCED ASSESSMENT NOT  
CAPABILITY COMPLETE (2K-REQ)

JCNs FOR MAFS/2KILOs TURNED IN FOR YOUR SYSTEM  
WILL AUTOMATICALLY BE REFERENCED IN THIS MCA  
USE THIS SPACE FOR OTHER COMMENTS OR NOTES NOT ADDRESSED  
ON A MAF/2KILO

PASSAGEWAY (3-81-3-L) CONDUCTED UNDERWATER SHELL AND SUPPORT  
STRUCTURE ASSESSMENT, CONDITION WAS SAT, NO WORK REQUIRED.

TECH: \_BAUER/SOATS(MSC) SUPERVISOR: \_B.WILLIAMS CODE:220

PHONE (DSN ): \_961-4001\_\_\_\_\_ COMMERCIAL: \_(757) 396-4001\_

NAME OF PERSONS TRAINED: TOTAL NUMBER OF  
TRAINING HOURS

# USS TORTUGA LSD-46

## MATERIAL CONDITION ASSESSMENT

### HULL STRUCTURE

APL COMPARTMENT RIN WORK CENTER JSN  
\_X-SYSTEM ITEM\_ \_ 3-91-1-L N/L \_EA06 \_\_\_\_\_

DATE ASSESSMENT COMPLETED: \_4/10/02\_

LIST PROCEDURES USED: \_SEMAT SHELL & SUPPORTING STRUCTURE  
MRC 1102. \_\_\_\_\_

OPERATIONAL CHECKS COMPLETED: YES\_\_\_\_NO\_\_\_\_ (2KILO REQ)

REASON NOT COMPLETED: N/A \_\_\_\_\_

COLD CHECKS COMPLETED: YES\_\_\_\_NO\_\_\_\_ (2KILO REQ.)

REASON NOT COMPLETED: \_N/A \_\_\_\_\_

EQUIPMENT CONDITION (CHOOSE ONE):

OPERATIONAL NON-OPERATIONAL REDUCED ASSESSMENT NOT  
CAPABILITY COMPLETE (2K-REQ)

JCNs FOR MAFS/2KILOs TURNED IN FOR YOUR SYSTEM  
WILL AUTOMATICALLY BE REFERENCED IN THIS MCA  
USE THIS SPACE FOR OTHER COMMENTS OR NOTES NOT ADDRESSED  
ON A MAF/2KILO

PASSAGEWAY (3-91-1-L) CONDUCTED UNDERWATER SHELL AND SUPPORT  
STRUCTURE ASSESSMENT, CONDITION WAS SAT, NO WORK REQUIRED.

TECH: \_BAUER/SOATS(MSC) SUPERVISOR: \_B.WILLIAMS CODE:220

PHONE (DSN ): \_961-4001\_\_\_\_\_ COMMERCIAL: \_(757) 396-4001\_

NAME OF PERSONS TRAINED: TOTAL NUMBER OF  
TRAINING HOURS

# USS TORTUGA LSD-46

## MATERIAL CONDITION ASSESSMENT

### HULL STRUCTURE

APL COMPARTMENT RIN WORK CENTER JSN  
\_X-SYSTEM ITEM\_ \_ 3-138-1-Q N/L \_ EA05 \_\_\_\_\_

DATE ASSESSMENT COMPLETED: \_ 4/8/02 \_

LIST PROCEDURES USED: \_SEMAT SHELL & SUPPORTING STRUCTURE  
MRC 1102. \_\_\_\_\_

OPERATIONAL CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ (2KILO REQ)

REASON NOT COMPLETED: N/A \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COLD CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ ( 2KILO REQ.)

REASON NOT COMPLETED: \_N/A \_\_\_\_\_  
\_\_\_\_\_

EQUIPMENT CONDITION (CHOOSE ONE):

OPERATIONAL NON-OPERATIONAL REDUCED ASSESSMENT NOT  
CAPABILITY COMPLETE (2K-REQ)

JCNs FOR MAFS/2KILOs TURNED IN FOR YOUR SYSTEM  
WILL AUTOMATICALLY BE REFERENCED IN THIS MCA  
USE THIS SPACE FOR OTHER COMMENTS OR NOTES NOT ADDRESSED  
ON A MAF/2KILO

STERN GATE OPER RM#1 ARMS MAGAZINE(3-138-1-Q) CONDUCTED  
UNDERWATER SHELLAND SUPPORT STRUCTURE ASSESSMENT, CONDITION  
WAS SAT, NO WORK REQUIRED.  
\_\_\_\_\_  
\_\_\_\_\_

TECH: \_BAUER/SOATS(MSC) SUPERVISOR: \_B.WILLIAMS CODE:220  
\_\_\_\_\_

PHONE (DSN ): \_961-4001\_\_\_\_\_ COMMERCIAL: \_(757) 396-4001\_

NAME OF PERSONS TRAINED: TOTAL NUMBER OF  
TRAINING HOURS  
\_\_\_\_\_  
\_\_\_\_\_

# USS TORTUGA LSD-46

## MATERIAL CONDITION ASSESSMENT

### HULL STRUCTURE

APL                      COMPARTMENT                      RIN    WORK CENTER    JSN  
\_X-SYSTEM ITEM\_    \_ 3-138-2-Q                      N/L    EA05    \_\_\_\_\_

DATE ASSESSMENT COMPLETED: \_ 4/8/02 \_

LIST PROCEDURES USED: \_SEMAT SHELL & SUPPORTING STRUCTURE  
MRC 1102. \_\_\_\_\_

OPERATIONAL CHECKS COMPLETED:    YES \_\_\_\_\_ NO \_\_\_\_\_ (2KILO REQ)

REASON NOT COMPLETED: N/A \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COLD CHECKS COMPLETED: YES \_\_\_\_\_ NO \_\_\_\_\_ ( 2KILO REQ.)

REASON NOT COMPLETED: \_N/A \_\_\_\_\_  
\_\_\_\_\_

EQUIPMENT CONDITION (CHOOSE ONE):

OPERATIONAL    NON-OPERATIONAL    REDUCED    ASSESSMENT NOT  
CAPABILITY    COMPLETE (2K-REQ)

JCNs FOR MAFS/2KILOs TURNED IN FOR YOUR SYSTEM  
WILL AUTOMATICALLY BE REFERENCED IN THIS MCA  
USE THIS SPACE FOR OTHER COMMENTS OR NOTES NOT ADDRESSED  
ON A MAF/2KILO

STERN GATE OPER RM#1 ARMS MAGAZINE(3-138-2-Q) CONDUCTED  
UNDERWATER SHELLAND SUPPORT STRUCTURE ASSESSMENT, CONDITION  
WAS SAT, NO WORK REQUIRED.  
\_\_\_\_\_  
\_\_\_\_\_

TECH: \_BAUER/SOATS(MSC) SUPERVISOR: \_B.WILLIAMS CODE:220  
\_\_\_\_\_

PHONE (DSN ): \_961-4001 \_\_\_\_\_ COMMERCIAL: \_(757) 396-4001\_

NAME OF PERSONS TRAINED:                      TOTAL NUMBER OF  
TRAINING HOURS  
\_\_\_\_\_  
\_\_\_\_\_

# USS TORTUGA LSD-46

## MATERIAL CONDITION ASSESSMENT

### HULL STRUCTURE

APL COMPARTMENT RIN WORK CENTER JSN  
\_X-SYSTEM ITEM\_ \_ 4-10-2-T N/L \_ER02 \_\_\_\_\_

DATE ASSESSMENT COMPLETED: \_ 4/10/02 \_

LIST PROCEDURES USED: \_SEMAT SHELL & SUPPORTING STRUCTURE  
MRC 1102. \_\_\_\_\_

OPERATIONAL CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ (2KILO REQ)

REASON NOT COMPLETED: N/A \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COLD CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ ( 2KILO REQ.)

REASON NOT COMPLETED: \_N/A \_\_\_\_\_  
\_\_\_\_\_

EQUIPMENT CONDITION (CHOOSE ONE):

OPERATIONAL NON-OPERATIONAL REDUCED ASSESSMENT NOT  
CAPABILITY COMPLETE (2K-REQ)

JCNs FOR MAFS/2KILOs TURNED IN FOR YOUR SYSTEM  
WILL AUTOMATICALLY BE REFERENCED IN THIS MCA  
USE THIS SPACE FOR OTHER COMMENTS OR NOTES NOT ADDRESSED  
ON A MAF/2KILO

EDUCTOR TRUNK (4-10-2-T) CONDUCTED UNDERWATER SHELL AND SUPPORT  
STRUCTURE ASSESSMENT, CONDITION WAS SAT, NO WORK REQUIRED.  
\_\_\_\_\_  
\_\_\_\_\_

TECH: \_BAUER/SOATS(MSC) SUPERVISOR: \_B.WILLIAMS CODE:220  
\_\_\_\_\_

PHONE (DSN ): \_961-4001\_\_\_\_\_ COMMERCIAL: \_(757) 396-4001\_

NAME OF PERSONS TRAINED: TOTAL NUMBER OF  
TRAINING HOURS  
\_\_\_\_\_  
\_\_\_\_\_

# USS TORTUGA LSD-46

## MATERIAL CONDITION ASSESSMENT

### HULL STRUCTURE

APL COMPARTMENT RIN WORK CENTER JSN  
\_X-SYSTEM ITEM\_ \_ 4-14-2-K N/L SS01\_ \_\_\_\_\_

DATE ASSESSMENT COMPLETED: \_ 4/11/02 \_

LIST PROCEDURES USED: \_SEMAT SHELL & SUPPORTING STRUCTURE  
MRC 1102. \_\_\_\_\_

OPERATIONAL CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ (2KILO REQ)

REASON NOT COMPLETED: N/A \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COLD CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ ( 2KILO REQ.)

REASON NOT COMPLETED: \_N/A \_\_\_\_\_  
\_\_\_\_\_

EQUIPMENT CONDITION (CHOOSE ONE):

OPERATIONAL NON-OPERATIONAL REDUCED ASSESSMENT NOT  
CAPABILITY COMPLETE (2K-REQ)

JCNs FOR MAFS/2KILOs TURNED IN FOR YOUR SYSTEM  
WILL AUTOMATICALLY BE REFERENCED IN THIS MCA  
USE THIS SPACE FOR OTHER COMMENTS OR NOTES NOT ADDRESSED  
ON A MAF/2KILO

SD STRM (FLAT MAT'L) #2 (4-14-2-K) CONDUCTED UNDERWATER SHELL AND  
SUPPORT STRUCTURE ASSESSMENT, CONDITION WAS SAT, NO WORK  
REQUIRED.

TECH: \_BAUER/SOATS(MSC) SUPERVISOR: \_B.WILLIAMS CODE:220

PHONE (DSN ): \_961-4001\_\_\_\_\_ COMMERCIAL: \_(757) 396-4001\_

NAME OF PERSONS TRAINED: TOTAL NUMBER OF  
TRAINING HOURS

# USS TORTUGA LSD-46

## MATERIAL CONDITION ASSESSMENT

### HULL STRUCTURE

APL COMPARTMENT RIN WORK CENTER JSN  
\_X-SYSTEM ITEM\_ \_ 4-21-1-K N/L SS01\_ \_\_\_\_\_

DATE ASSESSMENT COMPLETED: \_ 4/11/02 \_

LIST PROCEDURES USED: \_SEMAT SHELL & SUPPORTING STRUCTURE  
MRC 1102. \_\_\_\_\_

OPERATIONAL CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ (2KILO REQ)

REASON NOT COMPLETED: N/A \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COLD CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ ( 2KILO REQ.)

REASON NOT COMPLETED: \_N/A \_\_\_\_\_  
\_\_\_\_\_

EQUIPMENT CONDITION (CHOOSE ONE):

OPERATIONAL NON-OPERATIONAL REDUCED ASSESSMENT NOT  
CAPABILITY COMPLETE (2K-REQ)

JCNs FOR MAFS/2KILOs TURNED IN FOR YOUR SYSTEM  
WILL AUTOMATICALLY BE REFERENCED IN THIS MCA  
USE THIS SPACE FOR OTHER COMMENTS OR NOTES NOT ADDRESSED  
ON A MAF/2KILO

FLAM LIQUID STRM (TRP) (4-21-1-K) CONDUCTED UNDERWATER SHELL AND  
SUPPORT STRUCTURE ASSESSMENT, CONDITION WAS SAT, NO WORK  
REQUIRED.

TECH: \_BAUER/SOATS(MSC) SUPERVISOR: \_B.WILLIAMS CODE:220

PHONE (DSN ): \_961-4001\_\_\_\_\_ COMMERCIAL: \_(757) 396-4001\_

NAME OF PERSONS TRAINED: TOTAL NUMBER OF  
TRAINING HOURS

# USS TORTUGA LSD-46

## MATERIAL CONDITION ASSESSMENT

### HULL STRUCTURE

APL COMPARTMENT RIN WORK CENTER JSN  
\_X-SYSTEM ITEM\_ \_ 4-21-2-A N/L SS01\_ \_\_\_\_\_

DATE ASSESSMENT COMPLETED: \_ 4/11/02 \_

LIST PROCEDURES USED: \_SEMAT SHELL & SUPPORTING STRUCTURE  
MRC 1102. \_\_\_\_\_

OPERATIONAL CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ (2KILO REQ)

REASON NOT COMPLETED: N/A \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COLD CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ ( 2KILO REQ.)

REASON NOT COMPLETED: \_N/A \_\_\_\_\_  
\_\_\_\_\_

EQUIPMENT CONDITION (CHOOSE ONE):

OPERATIONAL NON-OPERATIONAL REDUCED ASSESSMENT NOT  
CAPABILITY COMPLETE (2K-REQ)

JCNs FOR MAFS/2KILOs TURNED IN FOR YOUR SYSTEM  
WILL AUTOMATICALLY BE REFERENCED IN THIS MCA  
USE THIS SPACE FOR OTHER COMMENTS OR NOTES NOT ADDRESSED  
ON A MAF/2KILO

RAMP STORAGE (4-21-2-A) CONDUCTED UNDERWATER SHELL AND SUPPORT  
STRUCTURE ASSESSMENT, CONDITION WAS SAT, NO WORK REQUIRED.

TECH: \_BAUER/SOATS(MSC) SUPERVISOR: \_B.WILLIAMS CODE:220

PHONE (DSN ): \_961-4001 \_\_\_\_\_ COMMERCIAL: \_(757) 396-4001\_

NAME OF PERSONS TRAINED: TOTAL NUMBER OF  
TRAINING HOURS



# USS TORTUGA LSD-46

## MATERIAL CONDITION ASSESSMENT

### HULL STRUCTURE

APL COMPARTMENT RIN WORK CENTER JSN  
\_X-SYSTEM ITEM\_ \_ 4-38-1-L N/L \_DA02 \_\_\_\_\_

DATE ASSESSMENT COMPLETED: \_ 4/13/02 \_

LIST PROCEDURES USED: \_SEMAT SHELL & SUPPORTING STRUCTURE  
MRC 1102. \_\_\_\_\_

OPERATIONAL CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ (2KILO REQ)

REASON NOT COMPLETED: N/A \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COLD CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ ( 2KILO REQ.)

REASON NOT COMPLETED: \_N/A \_\_\_\_\_  
\_\_\_\_\_

EQUIPMENT CONDITION (CHOOSE ONE):

OPERATIONAL NON-OPERATIONAL REDUCED ASSESSMENT NOT  
CAPABILITY COMPLETE (2K-REQ)

JCNs FOR MAFS/2KILOs TURNED IN FOR YOUR SYSTEM  
WILL AUTOMATICALLY BE REFERENCED IN THIS MCA  
USE THIS SPACE FOR OTHER COMMENTS OR NOTES NOT ADDRESSED  
ON A MAF/2KILO

PASSAGE (4-38-1-L) CONDUCTED UNDERWATER SHELL AND SUPPORT  
STRUCTURE ASSESSMENT, CONDITION WAS SAT, NO WORK REQUIRED.

TECH: \_BAUER/SOATS(MSC) SUPERVISOR: \_B.WILLIAMS CODE:220

PHONE (DSN ): \_961-4001\_\_\_\_\_ COMMERCIAL: \_(757) 396-4001\_

NAME OF PERSONS TRAINED: TOTAL NUMBER OF  
TRAINING HOURS

# USS TORTUGA LSD-46

## MATERIAL CONDITION ASSESSMENT

### HULL STRUCTURE

APL COMPARTMENT RIN WORK CENTER JSN  
\_X-SYSTEM ITEM\_ \_ 4-38-2-L N/L \_DA02 \_\_\_\_\_

DATE ASSESSMENT COMPLETED: \_ 4/13/02 \_

LIST PROCEDURES USED: \_SEMAT SHELL & SUPPORTING STRUCTURE  
MRC 1102. \_\_\_\_\_

OPERATIONAL CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ (2KILO REQ)

REASON NOT COMPLETED: N/A \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COLD CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ ( 2KILO REQ.)

REASON NOT COMPLETED: \_N/A \_\_\_\_\_  
\_\_\_\_\_

EQUIPMENT CONDITION (CHOOSE ONE):

OPERATIONAL NON-OPERATIONAL REDUCED ASSESSMENT NOT  
CAPABILITY COMPLETE (2K-REQ)

JCNs FOR MAFS/2KILOs TURNED IN FOR YOUR SYSTEM  
WILL AUTOMATICALLY BE REFERENCED IN THIS MCA  
USE THIS SPACE FOR OTHER COMMENTS OR NOTES NOT ADDRESSED  
ON A MAF/2KILO

PASSAGE (4-38-2-L) CONDUCTED UNDERWATER SHELL AND SUPPORT  
STRUCTURE ASSESSMENT, CONDITION WAS SAT, NO WORK REQUIRED.

TECH: \_BAUER/SOATS(MSC) SUPERVISOR: \_B.WILLIAMS CODE:220

PHONE (DSN ): \_961-4001 \_\_\_\_\_ COMMERCIAL: \_(757) 396-4001 \_

NAME OF PERSONS TRAINED: TOTAL NUMBER OF  
TRAINING HOURS

# USS TORTUGA LSD-46

## MATERIAL CONDITION ASSESSMENT

### HULL STRUCTURE

APL COMPARTMENT RIN WORK CENTER JSN  
\_X-SYSTEM ITEM\_ \_ 4-41-1-L N/L \_DA02 \_\_\_\_\_

DATE ASSESSMENT COMPLETED: \_4/12/02\_

LIST PROCEDURES USED: \_SEMAT SHELL & SUPPORTING STRUCTURE  
MRC 1102. \_\_\_\_\_

OPERATIONAL CHECKS COMPLETED: YES\_\_\_\_NO\_\_\_\_ (2KILO REQ)

REASON NOT COMPLETED: N/A \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COLD CHECKS COMPLETED: YES\_\_\_\_NO\_\_\_\_ (2KILO REQ.)

REASON NOT COMPLETED: \_N/A \_\_\_\_\_  
\_\_\_\_\_

EQUIPMENT CONDITION (CHOOSE ONE):

OPERATIONAL NON-OPERATIONAL REDUCED ASSESSMENT NOT  
CAPABILITY COMPLETE (2K-REQ)

JCNs FOR MAFS/2KILOs TURNED IN FOR YOUR SYSTEM  
WILL AUTOMATICALLY BE REFERENCED IN THIS MCA  
USE THIS SPACE FOR OTHER COMMENTS OR NOTES NOT ADDRESSED  
ON A MAF/2KILO

PASSAGEWAY (4-41-1-L) CONDUCTED UNDERWATER SHELL AND SUPPORT  
STRUCTURE ASSESSMENT, CONDITION WAS SAT, NO WORK REQUIRED.

TECH: \_BAUER/SOATS(MSC) SUPERVISOR: \_B.WILLIAMS CODE:220

PHONE (DSN ): \_961-4001\_\_\_\_\_ COMMERCIAL: \_(757) 396-4001\_

NAME OF PERSONS TRAINED: TOTAL NUMBER OF  
TRAINING HOURS

# USS TORTUGA LSD-46

## MATERIAL CONDITION ASSESSMENT

### HULL STRUCTURE

APL COMPARTMENT RIN WORK CENTER JSN  
\_X-SYSTEM ITEM\_ \_ 4-41-2-L N/L \_DA02 \_\_\_\_\_

DATE ASSESSMENT COMPLETED: \_4/13/02\_

LIST PROCEDURES USED: \_SEMAT SHELL & SUPPORTING STRUCTURE  
MRC 1102. \_\_\_\_\_

OPERATIONAL CHECKS COMPLETED: YES\_\_\_\_NO\_\_\_\_ (2KILO REQ)

REASON NOT COMPLETED: N/A \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COLD CHECKS COMPLETED: YES\_\_\_\_NO\_\_\_\_ (2KILO REQ.)

REASON NOT COMPLETED: \_N/A \_\_\_\_\_  
\_\_\_\_\_

EQUIPMENT CONDITION (CHOOSE ONE):

OPERATIONAL NON-OPERATIONAL REDUCED ASSESSMENT NOT  
CAPABILITY COMPLETE (2K-REQ)

JCNs FOR MAFS/2KILOs TURNED IN FOR YOUR SYSTEM  
WILL AUTOMATICALLY BE REFERENCED IN THIS MCA  
USE THIS SPACE FOR OTHER COMMENTS OR NOTES NOT ADDRESSED  
ON A MAF/2KILO

PASSAGE (4-41-2-L) CONDUCTED UNDERWATER SHELL AND SUPPORT  
STRUCTURE ASSESSMENT, CONDITION WAS SAT, NO WORK REQUIRED.  
\_\_\_\_\_  
\_\_\_\_\_

TECH: \_BAUER/SOATS(MSC) SUPERVISOR: \_B.WILLIAMS CODE:220  
\_\_\_\_\_

PHONE (DSN ): \_961-4001\_\_\_\_\_ COMMERCIAL: \_(757) 396-4001\_

NAME OF PERSONS TRAINED: TOTAL NUMBER OF  
TRAINING HOURS  
\_\_\_\_\_  
\_\_\_\_\_

# USS TORTUGA LSD-46

## MATERIAL CONDITION ASSESSMENT

### HULL STRUCTURE

APL COMPARTMENT RIN WORK CENTER JSN  
\_X-SYSTEM ITEM\_ \_ 4-104-1-L N/L \_ DA02 \_\_\_\_\_

DATE ASSESSMENT COMPLETED: \_ 4/11/02 \_

LIST PROCEDURES USED: \_SEMAT SHELL & SUPPORTING STRUCTURE  
MRC 1102. \_\_\_\_\_

OPERATIONAL CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ (2KILO REQ)

REASON NOT COMPLETED: N/A \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COLD CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ ( 2KILO REQ.)

REASON NOT COMPLETED: \_N/A \_\_\_\_\_  
\_\_\_\_\_

EQUIPMENT CONDITION (CHOOSE ONE):

OPERATIONAL NON-OPERATIONAL REDUCED ASSESSMENT NOT  
CAPABILITY COMPLETE (2K-REQ)

JCNs FOR MAFS/2KILOs TURNED IN FOR YOUR SYSTEM  
WILL AUTOMATICALLY BE REFERENCED IN THIS MCA  
USE THIS SPACE FOR OTHER COMMENTS OR NOTES NOT ADDRESSED  
ON A MAF/2KILO

PASSAGEWAY (4-104-1-L) CONDUCTED UNDERWATER SHELL AND SUPPORT  
STRUCTURE ASSESSMENT, CONDITION WAS SAT, NO WORK REQUIRED.

TECH: \_BAUER/SOATS(MSC) SUPERVISOR: \_B.WILLIAMS CODE:220

PHONE (DSN ): \_961-4001\_\_\_\_\_ COMMERCIAL: \_(757) 396-4001\_

NAME OF PERSONS TRAINED: TOTAL NUMBER OF  
TRAINING HOURS

# USS TORTUGA LSD-46

## MATERIAL CONDITION ASSESSMENT

### HULL STRUCTURE

APL COMPARTMENT RIN WORK CENTER JSN  
\_X-SYSTEM ITEM\_ \_ 4-104-2-L N/L \_DA02 \_\_\_\_\_

DATE ASSESSMENT COMPLETED: \_4/11/02\_

LIST PROCEDURES USED: \_SEMAT SHELL & SUPPORTING STRUCTURE  
MRC 1102. \_\_\_\_\_

OPERATIONAL CHECKS COMPLETED: YES\_\_\_\_NO\_\_\_\_ (2KILO REQ)

REASON NOT COMPLETED: N/A \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COLD CHECKS COMPLETED: YES\_\_\_\_NO\_\_\_\_ (2KILO REQ.)

REASON NOT COMPLETED: \_N/A \_\_\_\_\_  
\_\_\_\_\_

EQUIPMENT CONDITION (CHOOSE ONE):

OPERATIONAL NON-OPERATIONAL REDUCED ASSESSMENT NOT  
CAPABILITY COMPLETE (2K-REQ)

JCNs FOR MAFS/2KILOs TURNED IN FOR YOUR SYSTEM  
WILL AUTOMATICALLY BE REFERENCED IN THIS MCA  
USE THIS SPACE FOR OTHER COMMENTS OR NOTES NOT ADDRESSED  
ON A MAF/2KILO

PASSAGEWAY (4-104-2-L) CONDUCTED UNDERWATER SHELL AND SUPPORT  
STRUCTURE ASSESSMENT, CONDITION WAS SAT, NO WORK REQUIRED.

TECH: \_BAUER/SOATS(MSC) SUPERVISOR: \_B.WILLIAMS CODE:220

PHONE (DSN ): \_961-4001\_\_\_\_\_ COMMERCIAL: \_(757) 396-4001\_

NAME OF PERSONS TRAINED: TOTAL NUMBER OF  
TRAINING HOURS

# USS TORTUGA LSD-46

## MATERIAL CONDITION ASSESSMENT

### HULL STRUCTURE

APL COMPARTMENT RIN WORK CENTER JSN  
\_X-SYSTEM ITEM\_ \_ 4-106-1-L N/L \_DA02 \_\_\_\_\_

DATE ASSESSMENT COMPLETED: \_4/11/02\_

LIST PROCEDURES USED: \_SEMAT SHELL & SUPPORTING STRUCTURE  
MRC 1102. \_\_\_\_\_

OPERATIONAL CHECKS COMPLETED: YES\_\_\_\_NO\_\_\_\_ (2KILO REQ)

REASON NOT COMPLETED: N/A \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COLD CHECKS COMPLETED: YES\_\_\_\_NO\_\_\_\_ (2KILO REQ.)

REASON NOT COMPLETED: \_N/A \_\_\_\_\_  
\_\_\_\_\_

EQUIPMENT CONDITION (CHOOSE ONE):

OPERATIONAL NON-OPERATIONAL REDUCED ASSESSMENT NOT  
CAPABILITY COMPLETE (2K-REQ)

JCNs FOR MAFS/2KILOs TURNED IN FOR YOUR SYSTEM  
WILL AUTOMATICALLY BE REFERENCED IN THIS MCA  
USE THIS SPACE FOR OTHER COMMENTS OR NOTES NOT ADDRESSED  
ON A MAF/2KILO

PASSAGEWAY (4-106-1-L) CONDUCTED UNDERWATER SHELL AND SUPPORT  
STRUCTURE ASSESSMENT, CONDITION WAS SAT, NO WORK REQUIRED.

TECH: \_BAUER/SOATS(MSC) SUPERVISOR: \_B.WILLIAMS CODE:220

PHONE (DSN ): \_961-4001\_\_\_\_\_ COMMERCIAL: \_(757) 396-4001\_

NAME OF PERSONS TRAINED: TOTAL NUMBER OF  
TRAINING HOURS

# USS TORTUGA LSD-46

## MATERIAL CONDITION ASSESSMENT

### HULL STRUCTURE

APL COMPARTMENT RIN WORK CENTER JSN  
\_X-SYSTEM ITEM\_ \_ 4-106-2-L N/L \_DA02 \_\_\_\_\_

DATE ASSESSMENT COMPLETED: \_4/11/02\_

LIST PROCEDURES USED: \_SEMAT SHELL & SUPPORTING STRUCTURE  
MRC 1102. \_\_\_\_\_

OPERATIONAL CHECKS COMPLETED: YES\_\_\_\_NO\_\_\_\_ (2KILO REQ)

REASON NOT COMPLETED: N/A \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COLD CHECKS COMPLETED: YES\_\_\_\_NO\_\_\_\_ (2KILO REQ.)

REASON NOT COMPLETED: \_N/A \_\_\_\_\_  
\_\_\_\_\_

EQUIPMENT CONDITION (CHOOSE ONE):

OPERATIONAL NON-OPERATIONAL REDUCED ASSESSMENT NOT  
CAPABILITY COMPLETE (2K-REQ)

JCNs FOR MAFS/2KILOs TURNED IN FOR YOUR SYSTEM  
WILL AUTOMATICALLY BE REFERENCED IN THIS MCA  
USE THIS SPACE FOR OTHER COMMENTS OR NOTES NOT ADDRESSED  
ON A MAF/2KILO

PASSAGEWAY (4-106-2-L) CONDUCTED UNDERWATER SHELL AND SUPPORT  
STRUCTURE ASSESSMENT, CONDITION WAS SAT, NO WORK REQUIRED.

TECH: \_BAUER/SOATS(MSC) SUPERVISOR: \_B.WILLIAMS CODE:220

PHONE (DSN ): \_961-4001\_\_\_\_\_ COMMERCIAL: \_(757) 396-4001\_

NAME OF PERSONS TRAINED: TOTAL NUMBER OF  
TRAINING HOURS



# USS TORTUGA LSD-46

## MATERIAL CONDITION ASSESSMENT

### HULL STRUCTURE

APL COMPARTMENT RIN WORK CENTER JSN  
\_X-SYSTEM ITEM\_ \_ 5-13-2-T N/L \_EA05 \_\_\_\_\_

DATE ASSESSMENT COMPLETED: \_ 4/12/02 \_

LIST PROCEDURES USED: \_SEMAT SHELL & SUPPORTING STRUCTURE  
MRC 1102. \_\_\_\_\_

OPERATIONAL CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ (2KILO REQ)

REASON NOT COMPLETED: N/A \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COLD CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ ( 2KILO REQ.)

REASON NOT COMPLETED: \_N/A \_\_\_\_\_  
\_\_\_\_\_

EQUIPMENT CONDITION (CHOOSE ONE):

OPERATIONAL NON-OPERATIONAL REDUCED ASSESSMENT NOT  
CAPABILITY COMPLETE (2K-REQ)

JCNs FOR MAFS/2KILOs TURNED IN FOR YOUR SYSTEM  
WILL AUTOMATICALLY BE REFERENCED IN THIS MCA  
USE THIS SPACE FOR OTHER COMMENTS OR NOTES NOT ADDRESSED  
ON A MAF/2KILO

DUMBWAITER (5-13-2-T) CONDUCTED UNDERWATER SHELL AND SUPPORT  
STRUCTURE ASSESSMENT, CONDITION WAS SAT, NO WORK REQUIRED.

TECH: \_BAUER/SOATS(MSC) SUPERVISOR: \_B.WILLIAMS CODE:220

PHONE (DSN ): \_961-4001 \_\_\_\_ COMMERCIAL: \_(757) 396-4001 \_

NAME OF PERSONS TRAINED: TOTAL NUMBER OF  
TRAINING HOURS

# USS TORTUGA LSD-46

## MATERIAL CONDITION ASSESSMENT

### HULL STRUCTURE

APL COMPARTMENT RIN WORK CENTER JSN  
\_X-SYSTEM ITEM\_ \_ 5-33-1-Q N/L \_ER02 \_\_\_\_\_

DATE ASSESSMENT COMPLETED: \_ 4/12/02 \_

LIST PROCEDURES USED: \_SEMAT SHELL & SUPPORTING STRUCTURE  
MRC 1102. \_\_\_\_\_

OPERATIONAL CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ (2KILO REQ)

REASON NOT COMPLETED: N/A \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COLD CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ ( 2KILO REQ.)

REASON NOT COMPLETED: \_N/A \_\_\_\_\_  
\_\_\_\_\_

EQUIPMENT CONDITION (CHOOSE ONE):

OPERATIONAL NON-OPERATIONAL REDUCED ASSESSMENT NOT  
CAPABILITY COMPLETE (2K-REQ)

JCNs FOR MAFS/2KILOs TURNED IN FOR YOUR SYSTEM  
WILL AUTOMATICALLY BE REFERENCED IN THIS MCA  
USE THIS SPACE FOR OTHER COMMENTS OR NOTES NOT ADDRESSED  
ON A MAF/2KILO

CHT PUMP ROOM(5-33-1-Q) CONDUCTED UNDERWATER SHELL AND SUPPORT  
STRUCTURE ASSESSMENT, CONDITION WAS SAT, NO WORK REQUIRED.  
\_\_\_\_\_  
\_\_\_\_\_

TECH: \_BAUER/SOATS(MSC) SUPERVISOR: \_B.WILLIAMS CODE:220  
\_\_\_\_\_

PHONE (DSN ): \_961-4001\_\_\_\_\_ COMMERCIAL: \_(757) 396-4001\_

NAME OF PERSONS TRAINED: TOTAL NUMBER OF  
TRAINING HOURS  
\_\_\_\_\_  
\_\_\_\_\_

# USS TORTUGA LSD-46

## MATERIAL CONDITION ASSESSMENT

### HULL STRUCTURE

APL COMPARTMENT RIN WORK CENTER JSN  
\_X-SYSTEM ITEM\_ \_ 5-41-0-Q N/L \_ER02 \_\_\_\_\_

DATE ASSESSMENT COMPLETED: \_\_ 4/12/02 \_\_

LIST PROCEDURES USED: \_SEMAT SHELL & SUPPORTING STRUCTURE  
MRC 1102. \_\_\_\_\_

OPERATIONAL CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ (2KILO REQ)

REASON NOT COMPLETED: N/A \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COLD CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ ( 2KILO REQ.)

REASON NOT COMPLETED: \_N/A \_\_\_\_\_  
\_\_\_\_\_

EQUIPMENT CONDITION (CHOOSE ONE):

OPERATIONAL NON-OPERATIONAL REDUCED ASSESSMENT NOT  
CAPABILITY COMPLETE (2K-REQ)

JCNs FOR MAFS/2KILOs TURNED IN FOR YOUR SYSTEM  
WILL AUTOMATICALLY BE REFERENCED IN THIS MCA  
USE THIS SPACE FOR OTHER COMMENTS OR NOTES NOT ADDRESSED  
ON A MAF/2KILO

COFFERDAM (5-41-0-Q) CONDUCTED UNDERWATER SHELL AND SUPPORT  
STRUCTURE ASSESSMENT, CONDITION WAS SAT, NO WORK REQUIRED.

TECH: \_BAUER/SOATS(MSC) SUPERVISOR: \_B.WILLIAMS CODE:220

PHONE (DSN ): \_961-4001\_\_\_\_\_ COMMERCIAL: \_(757) 396-4001\_

NAME OF PERSONS TRAINED: TOTAL NUMBER OF  
TRAINING HOURS

# USS TORTUGA LSD-46

## MATERIAL CONDITION ASSESSMENT

### HULL STRUCTURE

APL                      COMPARTMENT                      RIN    WORK CENTER    JSN  
\_X-SYSTEM ITEM\_    \_ 5-43-0-E                      N/L    \_EM08                      \_\_\_\_\_

DATE ASSESSMENT COMPLETED: \_\_ 4/12/02 \_\_

LIST PROCEDURES USED: \_SEMAT SHELL & SUPPORTING STRUCTURE  
MRC 1102. \_\_\_\_\_

OPERATIONAL CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ (2KILO REQ)

REASON NOT COMPLETED: N/A \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COLD CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ ( 2KILO REQ.)

REASON NOT COMPLETED: \_N/A \_\_\_\_\_  
\_\_\_\_\_

EQUIPMENT CONDITION (CHOOSE ONE):

OPERATIONAL    NON-OPERATIONAL    REDUCED    ASSESSMENT NOT  
CAPABILITY    COMPLETE (2K-REQ)

JCNs FOR MAFS/2KILOs TURNED IN FOR YOUR SYSTEM  
WILL AUTOMATICALLY BE REFERENCED IN THIS MCA  
USE THIS SPACE FOR OTHER COMMENTS OR NOTES NOT ADDRESSED  
ON A MAF/2KILO

AUX MACHINERY ROOM NO 1 (5-43-0-E) CONDUCTED UNDERWATER SHELL  
AND SUPPORT STRUCTURE ASSESSMENT, CONDITION WAS SAT, NO WORK  
REQUIRED.  
\_\_\_\_\_  
\_\_\_\_\_

TECH: \_BAUER/SOATS(MSC) SUPERVISOR: \_B.WILLIAMS CODE:220  
\_\_\_\_\_

PHONE (DSN ): \_961-4001\_\_\_\_ COMMERCIAL: \_(757) 396-4001\_

NAME OF PERSONS TRAINED:                      TOTAL NUMBER OF  
TRAINING HOURS  
\_\_\_\_\_  
\_\_\_\_\_

# USS TORTUGA LSD-46

## MATERIAL CONDITION ASSESSMENT

### HULL STRUCTURE

APL                      COMPARTMENT                      RIN    WORK CENTER    JSN  
\_X-SYSTEM ITEM\_    \_ 5-43-1-E                      N/L    \_EM08                      \_\_\_\_\_

DATE ASSESSMENT COMPLETED: \_ 4/12/02 \_

LIST PROCEDURES USED: \_SEMAT SHELL & SUPPORTING STRUCTURE  
MRC 1102. \_\_\_\_\_

OPERATIONAL CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ (2KILO REQ)

REASON NOT COMPLETED: N/A \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COLD CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ ( 2KILO REQ.)

REASON NOT COMPLETED: \_N/A \_\_\_\_\_  
\_\_\_\_\_

EQUIPMENT CONDITION (CHOOSE ONE):

OPERATIONAL    NON-OPERATIONAL    REDUCED    ASSESSMENT NOT  
CAPABILITY    COMPLETE (2K-REQ)

JCNs FOR MAFS/2KILOs TURNED IN FOR YOUR SYSTEM  
WILL AUTOMATICALLY BE REFERENCED IN THIS MCA  
USE THIS SPACE FOR OTHER COMMENTS OR NOTES NOT ADDRESSED  
ON A MAF/2KILO

AUX ENCLD OPER SP NO 1 (5-43-1-E) CONDUCTED UNDERWATER SHELL AND  
SUPPORT STRUCTURE ASSESSMENT, CONDITION WAS SAT, NO WORK  
REQUIRED.  
\_\_\_\_\_  
\_\_\_\_\_

TECH: \_BAUER/SOATS(MSC) SUPERVISOR: \_B.WILLIAMS CODE:220  
\_\_\_\_\_

PHONE (DSN ): \_961-4001\_\_\_\_\_ COMMERCIAL: \_(757) 396-4001\_

NAME OF PERSONS TRAINED:                      TOTAL NUMBER OF  
TRAINING HOURS  
\_\_\_\_\_  
\_\_\_\_\_

# USS TORTUGA LSD-46

## MATERIAL CONDITION ASSESSMENT

### HULL STRUCTURE

APL                      COMPARTMENT                      RIN    WORK CENTER    JSN  
\_X-SYSTEM ITEM\_    \_ 5-87-1-E                      N/L    \_EM09                      \_\_\_\_\_

DATE ASSESSMENT COMPLETED: \_ 4/14/02 \_

LIST PROCEDURES USED: \_SEMAT SHELL & SUPPORTING STRUCTURE  
MRC 1102. \_\_\_\_\_

OPERATIONAL CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ (2KILO REQ)

REASON NOT COMPLETED: N/A \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COLD CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ ( 2KILO REQ.)

REASON NOT COMPLETED: \_N/A \_\_\_\_\_  
\_\_\_\_\_

EQUIPMENT CONDITION (CHOOSE ONE):

OPERATIONAL    NON-OPERATIONAL    REDUCED    ASSESSMENT NOT  
CAPABILITY    COMPLETE (2K-REQ)

JCNs FOR MAFS/2KILOs TURNED IN FOR YOUR SYSTEM  
WILL AUTOMATICALLY BE REFERENCED IN THIS MCA  
USE THIS SPACE FOR OTHER COMMENTS OR NOTES NOT ADDRESSED  
ON A MAF/2KILO

MN ENCL OPER STA NO 2 (5-87-1-E) CONDUCTED UNDERWATER SHELL AND  
SUPPORT STRUCTURE ASSESSMENT, CONDITION WAS SAT, NO WORK  
REQUIRED.

TECH: \_BAUER/SOATS(MSC) SUPERVISOR: \_B.WILLIAMS CODE:220

PHONE (DSN ): \_961-4001\_\_\_\_\_ COMMERCIAL: \_(757) 396-4001\_

NAME OF PERSONS TRAINED:                      TOTAL NUMBER OF  
TRAINING HOURS

# USS TORTUGA LSD-46

## MATERIAL CONDITION ASSESSMENT

### HULL STRUCTURE

APL COMPARTMENT RIN WORK CENTER JSN  
\_X-SYSTEM ITEM\_ \_ 5-88-1-T N/L \_EM09 \_\_\_\_\_

DATE ASSESSMENT COMPLETED: \_ 4/13/02 \_

LIST PROCEDURES USED: \_SEMAT SHELL & SUPPORTING STRUCTURE  
MRC 1102. \_\_\_\_\_

OPERATIONAL CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ (2KILO REQ)

REASON NOT COMPLETED: N/A \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COLD CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ ( 2KILO REQ.)

REASON NOT COMPLETED: \_N/A \_\_\_\_\_  
\_\_\_\_\_

EQUIPMENT CONDITION (CHOOSE ONE):

OPERATIONAL NON-OPERATIONAL REDUCED ASSESSMENT NOT  
CAPABILITY COMPLETE (2K-REQ)

JCNs FOR MAFS/2KILOs TURNED IN FOR YOUR SYSTEM  
WILL AUTOMATICALLY BE REFERENCED IN THIS MCA  
USE THIS SPACE FOR OTHER COMMENTS OR NOTES NOT ADDRESSED  
ON A MAF/2KILO

ESCAPE TRUNK (5-88-1-T) CONDUCTED UNDERWATER SHELL AND SUPPORT  
STRUCTURE ASSESSMENT, CONDITION WAS SAT, NO WORK REQUIRED.

TECH: \_BAUER/SOATS(MSC) SUPERVISOR: \_B.WILLIAMS CODE:220

PHONE (DSN ): \_961-4001\_\_\_\_\_ COMMERCIAL: \_(757) 396-4001\_

NAME OF PERSONS TRAINED: TOTAL NUMBER OF  
TRAINING HOURS

# USS TORTUGA LSD-46

## MATERIAL CONDITION ASSESSMENT

### HULL STRUCTURE

APL                      COMPARTMENT                      RIN    WORK CENTER    JSN  
\_X-SYSTEM ITEM\_    \_ 5-89-01-E                      N/L    \_EM09                      \_\_\_\_\_

DATE ASSESSMENT COMPLETED: \_\_ 4/13/02 \_\_

LIST PROCEDURES USED: \_SEMAT SHELL & SUPPORTING STRUCTURE  
MRC 1102. \_\_\_\_\_

OPERATIONAL CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ (2KILO REQ)

REASON NOT COMPLETED: N/A \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COLD CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ ( 2KILO REQ.)

REASON NOT COMPLETED: \_N/A \_\_\_\_\_  
\_\_\_\_\_

EQUIPMENT CONDITION (CHOOSE ONE):

OPERATIONAL    NON-OPERATIONAL    REDUCED    ASSESSMENT NOT  
CAPABILITY    COMPLETE (2K-REQ)

JCNs FOR MAFS/2KILOs TURNED IN FOR YOUR SYSTEM  
WILL AUTOMATICALLY BE REFERENCED IN THIS MCA  
USE THIS SPACE FOR OTHER COMMENTS OR NOTES NOT ADDRESSED  
ON A MAF/2KILO

AUX MACHINERY ROOM NO 2 (5-89-01-E) CONDUCTED UNDERWATER SHELL  
AND SUPPORT STRUCTURE ASSESSMENT, CONDITION WAS SAT, NO WORK  
REQUIRED.  
\_\_\_\_\_  
\_\_\_\_\_

TECH: \_BAUER/SOATS(MSC) SUPERVISOR: \_B.WILLIAMS CODE:220  
\_\_\_\_\_

PHONE (DSN ): \_961-4001\_\_\_\_ COMMERCIAL: \_(757) 396-4001\_

NAME OF PERSONS TRAINED:                      TOTAL NUMBER OF  
TRAINING HOURS  
\_\_\_\_\_  
\_\_\_\_\_



# USS TORTUGA LSD-46

## MATERIAL CONDITION ASSESSMENT

### HULL STRUCTURE

APL COMPARTMENT RIN WORK CENTER JSN  
\_X-SYSTEM ITEM\_ \_ 5-89-1-L N/L \_EM09 \_\_\_\_\_

DATE ASSESSMENT COMPLETED: \_4/13/02\_

LIST PROCEDURES USED: \_SEMAT SHELL & SUPPORTING STRUCTURE  
MRC 1102. \_\_\_\_\_

OPERATIONAL CHECKS COMPLETED: YES\_\_\_\_NO\_\_\_\_ (2KILO REQ)

REASON NOT COMPLETED: N/A \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COLD CHECKS COMPLETED: YES\_\_\_\_NO\_\_\_\_ (2KILO REQ.)

REASON NOT COMPLETED: \_N/A \_\_\_\_\_  
\_\_\_\_\_

EQUIPMENT CONDITION (CHOOSE ONE):

OPERATIONAL NON-OPERATIONAL REDUCED ASSESSMENT NOT  
CAPABILITY COMPLETE (2K-REQ)

JCNs FOR MAFS/2KILOs TURNED IN FOR YOUR SYSTEM  
WILL AUTOMATICALLY BE REFERENCED IN THIS MCA  
USE THIS SPACE FOR OTHER COMMENTS OR NOTES NOT ADDRESSED  
ON A MAF/2KILO

PASSAGEWAY (5-89-1-L) CONDUCTED UNDERWATER SHELL AND SUPPORT  
STRUCTURE ASSESSMENT, CONDITION WAS SAT, NO WORK REQUIRED.

TECH: \_BAUER/SOATS(MSC) SUPERVISOR: \_B.WILLIAMS CODE:220

PHONE (DSN ): \_961-4001\_\_\_\_\_ COMMERCIAL: \_(757) 396-4001\_

NAME OF PERSONS TRAINED: TOTAL NUMBER OF  
TRAINING HOURS

# USS TORTUGA LSD-46

## MATERIAL CONDITION ASSESSMENT

### HULL STRUCTURE

APL COMPARTMENT RIN WORK CENTER JSN  
\_X-SYSTEM ITEM\_ \_ 5-89-2-L N/L \_EM09 \_\_\_\_\_

DATE ASSESSMENT COMPLETED: \_ 4/14/02 \_

LIST PROCEDURES USED: \_SEMAT SHELL & SUPPORTING STRUCTURE  
MRC 1102. \_\_\_\_\_

OPERATIONAL CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ (2KILO REQ)

REASON NOT COMPLETED: N/A \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COLD CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ ( 2KILO REQ.)

REASON NOT COMPLETED: \_N/A \_\_\_\_\_  
\_\_\_\_\_

EQUIPMENT CONDITION (CHOOSE ONE):

OPERATIONAL NON-OPERATIONAL REDUCED ASSESSMENT NOT  
CAPABILITY COMPLETE (2K-REQ)

JCNs FOR MAFS/2KILOs TURNED IN FOR YOUR SYSTEM  
WILL AUTOMATICALLY BE REFERENCED IN THIS MCA  
USE THIS SPACE FOR OTHER COMMENTS OR NOTES NOT ADDRESSED  
ON A MAF/2KILO

PASSAGEWAY (5-89-2-L) CONDUCTED UNDERWATER SHELL AND SUPPORT  
STRUCTURE ASSESSMENT, CONDITION WAS SAT, NO WORK REQUIRED.

TECH: \_BAUER/SOATS(MSC) SUPERVISOR: \_B.WILLIAMS CODE:220

PHONE (DSN ): \_961-4001\_\_\_\_\_ COMMERCIAL: \_(757) 396-4001\_

NAME OF PERSONS TRAINED: TOTAL NUMBER OF  
TRAINING HOURS

# USS TORTUGA LSD-46

## MATERIAL CONDITION ASSESSMENT

### HULL STRUCTURE

APL COMPARTMENT RIN WORK CENTER JSN  
\_X-SYSTEM ITEM\_ \_ 5-89-2-Q N/L \_EM09 \_\_\_\_\_

DATE ASSESSMENT COMPLETED: \_ 4/14/02 \_

LIST PROCEDURES USED: \_SEMAT SHELL & SUPPORTING STRUCTURE  
MRC 1102. \_\_\_\_\_

OPERATIONAL CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ (2KILO REQ)

REASON NOT COMPLETED: N/A \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COLD CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ ( 2KILO REQ.)

REASON NOT COMPLETED: \_N/A \_\_\_\_\_  
\_\_\_\_\_

EQUIPMENT CONDITION (CHOOSE ONE):

OPERATIONAL NON-OPERATIONAL REDUCED ASSESSMENT NOT  
CAPABILITY COMPLETE (2K-REQ)

JCNs FOR MAFS/2KILOs TURNED IN FOR YOUR SYSTEM  
WILL AUTOMATICALLY BE REFERENCED IN THIS MCA  
USE THIS SPACE FOR OTHER COMMENTS OR NOTES NOT ADDRESSED  
ON A MAF/2KILO

UPTAKE & FAN SPACE (5-89-2-Q) CONDUCTED UNDERWATER SHELL AND  
SUPPORT STRUCTURE ASSESSMENT, CONDITION WAS SAT, NO WORK  
REQUIRED.

TECH: \_BAUER/SOATS(MSC) SUPERVISOR: \_B.WILLIAMS CODE:220

PHONE (DSN ): \_961-4001\_\_\_\_\_ COMMERCIAL: \_(757) 396-4001\_

NAME OF PERSONS TRAINED: TOTAL NUMBER OF  
TRAINING HOURS

# USS TORTUGA LSD-46

## MATERIAL CONDITION ASSESSMENT

### HULL STRUCTURE

APL                      COMPARTMENT                      RIN    WORK CENTER    JSN  
\_X-SYSTEM ITEM\_    \_ 5-95-2-E                      N/L    \_EM09                      \_\_\_\_\_

DATE ASSESSMENT COMPLETED: \_ 4/14/02 \_

LIST PROCEDURES USED: \_SEMAT SHELL & SUPPORTING STRUCTURE  
MRC 1102. \_\_\_\_\_

OPERATIONAL CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ (2KILO REQ)

REASON NOT COMPLETED: N/A \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COLD CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ ( 2KILO REQ.)

REASON NOT COMPLETED: \_N/A \_\_\_\_\_  
\_\_\_\_\_

EQUIPMENT CONDITION (CHOOSE ONE):

OPERATIONAL    NON-OPERATIONAL    REDUCED    ASSESSMENT NOT  
CAPABILITY    COMPLETE (2K-REQ)

JCNs FOR MAFS/2KILOs TURNED IN FOR YOUR SYSTEM  
WILL AUTOMATICALLY BE REFERENCED IN THIS MCA  
USE THIS SPACE FOR OTHER COMMENTS OR NOTES NOT ADDRESSED  
ON A MAF/2KILO

AUX ENCLD OPER SP NO 2 (5-95-2-E) CONDUCTED UNDERWATER SHELL AND  
SUPPORT STRUCTURE ASSESSMENT, CONDITION WAS SAT, NO WORK  
REQUIRED.

TECH: \_BAUER/SOATS(MSC) SUPERVISOR: \_B.WILLIAMS CODE:220

PHONE (DSN ): \_961-4001\_\_\_\_\_ COMMERCIAL: \_(757) 396-4001\_

NAME OF PERSONS TRAINED:                      TOTAL NUMBER OF  
TRAINING HOURS

# USS TORTUGA LSD-46

## MATERIAL CONDITION ASSESSMENT

### HULL STRUCTURE

APL COMPARTMENT RIN WORK CENTER JSN  
\_X-SYSTEM ITEM\_ \_ 5-97-2-T N/L \_EM09 \_\_\_\_\_

DATE ASSESSMENT COMPLETED: \_ 4/14/02 \_

LIST PROCEDURES USED: \_SEMAT SHELL & SUPPORTING STRUCTURE  
MRC 1102. \_\_\_\_\_

OPERATIONAL CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ (2KILO REQ)

REASON NOT COMPLETED: N/A \_\_\_\_\_

COLD CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ ( 2KILO REQ.)

REASON NOT COMPLETED: \_N/A \_\_\_\_\_

EQUIPMENT CONDITION (CHOOSE ONE):

OPERATIONAL NON-OPERATIONAL REDUCED ASSESSMENT NOT  
CAPABILITY COMPLETE (2K-REQ)

JCNs FOR MAFS/2KILOs TURNED IN FOR YOUR SYSTEM  
WILL AUTOMATICALLY BE REFERENCED IN THIS MCA  
USE THIS SPACE FOR OTHER COMMENTS OR NOTES NOT ADDRESSED  
ON A MAF/2KILO

ESCAPE TRUNK (5-97-2-T) CONDUCTED UNDERWATER SHELL AND SUPPORT  
STRUCTURE ASSESSMENT, CONDITION WAS SAT, NO WORK REQUIRED.

TECH: \_BAUER/SOATS(MSC) SUPERVISOR: \_B.WILLIAMS CODE:220

PHONE (DSN ): \_961-4001\_\_\_\_\_ COMMERCIAL: \_(757) 396-4001\_

NAME OF PERSONS TRAINED: TOTAL NUMBER OF  
TRAINING HOURS

# USS TORTUGA LSD-46

## MATERIAL CONDITION ASSESSMENT

### HULL STRUCTURE

APL                      COMPARTMENT                      RIN    WORK CENTER    JSN  
\_X-SYSTEM ITEM\_    \_ 5-134-01-E                      N/L    \_EA05                      \_\_\_\_\_

DATE ASSESSMENT COMPLETED: \_ 4/12/02 \_

LIST PROCEDURES USED: \_SEMAT SHELL & SUPPORTING STRUCTURE  
MRC 1102. \_\_\_\_\_

OPERATIONAL CHECKS COMPLETED:    YES \_\_\_\_\_ NO \_\_\_\_\_ (2KILO REQ)

REASON NOT COMPLETED: N/A \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COLD CHECKS COMPLETED: YES \_\_\_\_\_ NO \_\_\_\_\_ ( 2KILO REQ.)

REASON NOT COMPLETED: \_N/A \_\_\_\_\_  
\_\_\_\_\_

EQUIPMENT CONDITION (CHOOSE ONE):

OPERATIONAL    NON-OPERATIONAL    REDUCED    ASSESSMENT NOT  
CAPABILITY    COMPLETE (2K-REQ)

JCNs FOR MAFS/2KILOs TURNED IN FOR YOUR SYSTEM  
WILL AUTOMATICALLY BE REFERENCED IN THIS MCA  
USE THIS SPACE FOR OTHER COMMENTS OR NOTES NOT ADDRESSED  
ON A MAF/2KILO

STEERING GEAR ROOM (5-134-01-E) CONDUCTED UNDERWATER SHELL AND  
SUPPORT STRUCTURE ASSESSMENT, CONDITION WAS SAT, NO WORK  
REQUIRED.

TECH: \_BAUER/SOATS(MSC) SUPERVISOR: \_B.WILLIAMS CODE:220

PHONE (DSN ): \_961-4001\_\_\_\_\_ COMMERCIAL: \_(757) 396-4001\_

NAME OF PERSONS TRAINED:                      TOTAL NUMBER OF  
TRAINING HOURS

# USS TORTUGA LSD-46

## MATERIAL CONDITION ASSESSMENT

### HULL STRUCTURE

APL COMPARTMENT RIN WORK CENTER JSN  
\_X-SYSTEM ITEM\_ \_ 5-134-2-T N/L \_EA05 \_\_\_\_\_

DATE ASSESSMENT COMPLETED: \_4/12/02\_

LIST PROCEDURES USED: \_SEMAT SHELL & SUPPORTING STRUCTURE  
MRC 1102. \_\_\_\_\_

OPERATIONAL CHECKS COMPLETED: YES\_\_\_\_NO\_\_\_\_ (2KILO REQ)

REASON NOT COMPLETED: N/A \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COLD CHECKS COMPLETED: YES\_\_\_\_NO\_\_\_\_ (2KILO REQ.)

REASON NOT COMPLETED: \_N/A \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

EQUIPMENT CONDITION (CHOOSE ONE):

OPERATIONAL NON-OPERATIONAL REDUCED ASSESSMENT NOT  
CAPABILITY COMPLETE (2K-REQ)

JCNs FOR MAFS/2KILOs TURNED IN FOR YOUR SYSTEM  
WILL AUTOMATICALLY BE REFERENCED IN THIS MCA  
USE THIS SPACE FOR OTHER COMMENTS OR NOTES NOT ADDRESSED  
ON A MAF/2KILO

ACCESS TRUNK(5-134-2-T) CONDUCTED UNDERWATER SHELL AND SUPPORT  
STRUCTURE ASSESSMENT, CONDITION WAS SAT, NO WORK REQUIRED.  
\_\_\_\_\_  
\_\_\_\_\_

TECH: \_BAUER/SOATS(MSC) SUPERVISOR: \_B.WILLIAMS CODE:220  
\_\_\_\_\_

PHONE (DSN ): \_961-4001\_\_\_\_\_ COMMERCIAL: \_(757) 396-4001\_

NAME OF PERSONS TRAINED: TOTAL NUMBER OF  
TRAINING HOURS  
\_\_\_\_\_  
\_\_\_\_\_

# USS TORTUGA LSD-46

## MATERIAL CONDITION ASSESSMENT

### HULL STRUCTURE

APL                      COMPARTMENT                      RIN    WORK CENTER    JSN  
\_X-SYSTEM ITEM\_    \_ 6-34-1-T                      N/L    \_EE01                      \_\_\_\_\_

DATE ASSESSMENT COMPLETED: \_ 4/14/02 \_

LIST PROCEDURES USED: \_SEMAT SHELL & SUPPORTING STRUCTURE  
MRC 1102. \_\_\_\_\_

OPERATIONAL CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ (2KILO REQ)

REASON NOT COMPLETED: N/A \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COLD CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ ( 2KILO REQ.)

REASON NOT COMPLETED: \_N/A \_\_\_\_\_  
\_\_\_\_\_

EQUIPMENT CONDITION (CHOOSE ONE):

OPERATIONAL    NON-OPERATIONAL    REDUCED    ASSESSMENT NOT  
CAPABILITY    COMPLETE (2K-REQ)

JCNs FOR MAFS/2KILOs TURNED IN FOR YOUR SYSTEM  
WILL AUTOMATICALLY BE REFERENCED IN THIS MCA  
USE THIS SPACE FOR OTHER COMMENTS OR NOTES NOT ADDRESSED  
ON A MAF/2KILO

UNDERWATER LOG TRUNK (6-34-1-T) CONDUCTED UNDERWATER SHELL AND  
SUPPORT STRUCTURE ASSESSMENT, CONDITION WAS SAT, NO WORK  
REQUIRED.  
\_\_\_\_\_  
\_\_\_\_\_

TECH: \_BAUER/SOATS(MSC) SUPERVISOR: \_B.WILLIAMS CODE:220  
\_\_\_\_\_

PHONE (DSN ): \_961-4001\_\_\_\_\_ COMMERCIAL: \_(757) 396-4001\_

NAME OF PERSONS TRAINED:                      TOTAL NUMBER OF  
TRAINING HOURS  
\_\_\_\_\_  
\_\_\_\_\_



# USS TORTUGA LSD-46

## MATERIAL CONDITION ASSESSMENT

### HULL STRUCTURE

APL COMPARTMENT RIN WORK CENTER JSN  
\_X-SYSTEM ITEM\_ \_ 6-98-0-J N/L \_EA04 \_\_\_\_\_

DATE ASSESSMENT COMPLETED: \_ 4/14/02 \_

LIST PROCEDURES USED: \_SEMAT SHELL & SUPPORTING STRUCTURE  
MRC 1102. \_\_\_\_\_

OPERATIONAL CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ (2KILO REQ)

REASON NOT COMPLETED: N/A \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COLD CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ ( 2KILO REQ.)

REASON NOT COMPLETED: \_N/A \_\_\_\_\_  
\_\_\_\_\_

EQUIPMENT CONDITION (CHOOSE ONE):

OPERATIONAL NON-OPERATIONAL REDUCED ASSESSMENT NOT  
CAPABILITY COMPLETE (2K-REQ)

JCNs FOR MAFS/2KILOs TURNED IN FOR YOUR SYSTEM  
WILL AUTOMATICALLY BE REFERENCED IN THIS MCA  
USE THIS SPACE FOR OTHER COMMENTS OR NOTES NOT ADDRESSED  
ON A MAF/2KILO

LCAC FUEL & JP5 PUMP RM (6-98-0-J) CONDUCTED UNDERWATER SHELL AND  
SUPPORT STRUCTURE ASSESSMENT, CONDITION WAS SAT, NO WORK  
REQUIRED.  
\_\_\_\_\_  
\_\_\_\_\_

TECH: \_BAUER/SOATS(MSC) SUPERVISOR: \_B.WILLIAMS CODE:220  
\_\_\_\_\_

PHONE (DSN ): \_961-4001\_\_\_\_\_ COMMERCIAL: \_(757) 396-4001\_

NAME OF PERSONS TRAINED: TOTAL NUMBER OF  
TRAINING HOURS  
\_\_\_\_\_  
\_\_\_\_\_

# USS TORTUGA LSD-46

## MATERIAL CONDITION ASSESSMENT

### HULL STRUCTURE

APL COMPARTMENT RIN WORK CENTER JSN  
\_X-SYSTEM ITEM\_ \_ 6-98-2-Q N/L \_EM02 \_\_\_\_\_

DATE ASSESSMENT COMPLETED: \_ 4/14/02 \_

LIST PROCEDURES USED: \_SEMAT SHELL & SUPPORTING STRUCTURE  
MRC 1102. \_\_\_\_\_

OPERATIONAL CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ (2KILO REQ)

REASON NOT COMPLETED: N/A \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COLD CHECKS COMPLETED: YES \_\_\_\_ NO \_\_\_\_ ( 2KILO REQ.)

REASON NOT COMPLETED: \_N/A \_\_\_\_\_  
\_\_\_\_\_

EQUIPMENT CONDITION (CHOOSE ONE):

OPERATIONAL NON-OPERATIONAL REDUCED ASSESSMENT NOT  
CAPABILITY COMPLETE (2K-REQ)

JCNs FOR MAFS/2KILOs TURNED IN FOR YOUR SYSTEM  
WILL AUTOMATICALLY BE REFERENCED IN THIS MCA  
USE THIS SPACE FOR OTHER COMMENTS OR NOTES NOT ADDRESSED  
ON A MAF/2KILO

SHAFT ALLEY (6-98-2-Q) CONDUCTED UNDERWATER SHELL AND SUPPORT  
STRUCTURE ASSESSMENT, CONDITION WAS SAT, NO WORK REQUIRED.

TECH: \_BAUER/SOATS(MSC) SUPERVISOR: \_B.WILLIAMS CODE:220

PHONE (DSN ): \_961-4001 \_\_\_\_ COMMERCIAL: \_(757) 396-4001 \_

NAME OF PERSONS TRAINED: TOTAL NUMBER OF  
TRAINING HOURS

# USS TORTUGA LSD-46

## MATERIAL CONDITION ASSESSMENT

### HULL STRUCTURE

APL COMPARTMENT RIN WORK CENTER JSN  
\_X-SYSTEM ITEM\_ \_ 6-98-3-T N/L \_EM02 \_\_\_\_\_

DATE ASSESSMENT COMPLETED: \_4/14/02\_

LIST PROCEDURES USED: \_SEMAT SHELL & SUPPORTING STRUCTURE  
MRC 1102. \_\_\_\_\_

OPERATIONAL CHECKS COMPLETED: YES\_\_\_\_NO\_\_\_\_ (2KILO REQ)

REASON NOT COMPLETED: N/A \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COLD CHECKS COMPLETED: YES\_\_\_\_NO\_\_\_\_ (2KILO REQ.)

REASON NOT COMPLETED: \_N/A \_\_\_\_\_  
\_\_\_\_\_

EQUIPMENT CONDITION (CHOOSE ONE):

OPERATIONAL NON-OPERATIONAL REDUCED ASSESSMENT NOT  
CAPABILITY COMPLETE (2K-REQ)

JCNs FOR MAFS/2KILOs TURNED IN FOR YOUR SYSTEM  
WILL AUTOMATICALLY BE REFERENCED IN THIS MCA  
USE THIS SPACE FOR OTHER COMMENTS OR NOTES NOT ADDRESSED  
ON A MAF/2KILO

ACCESS TRUNK (6-98-3-T) CONDUCTED UNDERWATER SHELL AND SUPPORT  
STRUCTURE ASSESSMENT, CONDITION WAS SAT, NO WORK REQUIRED.

TECH: \_BAUER/SOATS(MSC) SUPERVISOR: \_B.WILLIAMS CODE:220

PHONE (DSN ): \_961-4001\_\_\_\_\_ COMMERCIAL: \_(757) 396-4001\_

NAME OF PERSONS TRAINED: TOTAL NUMBER OF  
TRAINING HOURS

# USS TORTUGA LSD-46

## MATERIAL CONDITION ASSESSMENT

### HULL STRUCTURE

APL COMPARTMENT RIN WORK CENTER JSN  
\_X-SYSTEM ITEM\_ \_ 6-98-4-T N/L \_EM02 \_\_\_\_\_

DATE ASSESSMENT COMPLETED: \_4/14/02\_

LIST PROCEDURES USED: \_SEMAT SHELL & SUPPORTING STRUCTURE  
MRC 1102. \_\_\_\_\_

OPERATIONAL CHECKS COMPLETED: YES\_\_\_\_NO\_\_\_\_ (2KILO REQ)

REASON NOT COMPLETED: N/A \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COLD CHECKS COMPLETED: YES\_\_\_\_NO\_\_\_\_ (2KILO REQ.)

REASON NOT COMPLETED: \_N/A \_\_\_\_\_  
\_\_\_\_\_

EQUIPMENT CONDITION (CHOOSE ONE):

OPERATIONAL NON-OPERATIONAL REDUCED ASSESSMENT NOT  
CAPABILITY COMPLETE (2K-REQ)

JCNs FOR MAFS/2KILOs TURNED IN FOR YOUR SYSTEM  
WILL AUTOMATICALLY BE REFERENCED IN THIS MCA  
USE THIS SPACE FOR OTHER COMMENTS OR NOTES NOT ADDRESSED  
ON A MAF/2KILO

ACCESS TRUNK (6-98-4-T) CONDUCTED UNDERWATER SHELL AND SUPPORT  
STRUCTURE ASSESSMENT, CONDITION WAS SAT, NO WORK REQUIRED.

TECH: \_BAUER/SOATS(MSC) SUPERVISOR: \_B.WILLIAMS CODE:220

PHONE (DSN ): \_961-4001\_\_\_\_\_ COMMERCIAL: \_(757) 396-4001\_

NAME OF PERSONS TRAINED: TOTAL NUMBER OF  
TRAINING HOURS